



#15

Sequence Listing

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Singh, Lalji

<120> UNIVERSAL PRIMERS FOR WILDLIFE IDENTIFICATION

<130> U-013365-9

<140> 09/821782

<141> 2001-03-29

<160> 255

<210> 1

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Universal primer "mcb 398" for amplifying fragment of cytochrome b gene
of animal species

<400> 1

taccatgagg acaaatatca ttctg

25

<210> 2

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Universal primer "mcb 869" for amplifying fragment of cytochrome b gene
of animal species

<400> 2

cctcctagtt tgttagggat tgatcg

26

<210> 3

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> primer "AFF" for amplifying fragment of cytochrome b gene of animal species

<400> 3

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23

<210> 4

<211> 23

<212> DNA

<213> Artificial Sequence

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<223> primer "AFR" for amplifying fragment of cytochrome b gene of animal species

<400> 4

tatgcaaata ggaagtatca ttc

23

<210> 5

<211> 328

<212> DNA

<213> adil.flesh

<220>

<223> DNA sequence generated from the confiscated skin of unknown animal origin using primers mcb398 and mcb869

<400> 5

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ttcatccttc	catttatcat	ctcagctcta	gcagcagtc	acctcctatt	ccttcacgag	120
acaggatcta	acaacccctc	aggaatagta	tccgactcag	acaaaattcc	attccaccca	180
tactacacaa	tcaaagatat	cctgggcctt	ctagtactaa	tcctagcact	catactactc	240
gtcctattct	caccagacct	gttaggagac	cccgataact	acatccctgc	caaccctcta	300
aatacccctc	cccatatcaa	gcctgaat				328

<210> 6

<211> 328

<212> DNA

<213> bhz25t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*)

animal number 1 using primers mcb398 and mcb869

<400> 6

tgaatctgag	gaggcttctc	agtagacaaa	gccaccctga	cacgattctt	tgccttccac	60
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acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	cccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccatatcaa	gcgcgaat				328

<210> 7

<211> 328

<212> DNA

<213> bhz26t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*)
animal number 2 using primers mcb398 and mcb869

<400> 7

tgaatctgag	gaggcttctc	agtagacaaa	gccaccctga	cacgattctt	tgccttccac	60
ttcatccttc	catttatcat	ctcagcccta	gcagcagtc	acctcctatt	cctccatgag	120
acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	cccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccatatcaa	gcgcgaat				328

<210> 8

<211> 328

<212> DNA

<213> bhz30t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*)
animal number 3 using primers mcb398 and mcb869

<400> 8

tgaatctgag	gaggcttctc	agtagacaaa	gccaccctga	cacgattctt	tgccttccac	60
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acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	cccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccatatcaa	gcgcgaat				328

<210> 9

<211> 328

<212> DNA

<213> bhz45t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 4 using primers mcb398 and mcb869

<400> 9

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acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	cccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccatatcaa	gcgcgaat				328

<210> 10

<211> 328

<212> DNA

<213> bhz56t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 5 using primers mcb398 and mcb869

<400> 10

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acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	cccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccatatcaa	gcgcgaat				328

<210> 11

<211> 328

<212> DNA

<213> bhz63t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 6 using primers mcb398 and mcb869

<400> 11

tgaatctgag	gaggcttctc	agtagacaaa	gccaccctga	cacgattctt	tgccttccac	60
ttcatccttc	catttatcat	ctcagcccta	gcagcagtc	acctcctatt	cctccatgag	120

acaggatcta	acaacccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	cccgataact	acatccccgc	caaccctcta	300
aacacccctc	cccatatcaa	gcgcgaat				328

<210> 12

<211> 328

<212> DNA

<213> bhz20wt

<220>

<223> DNA sequence generated from the known white tiger (*Panthera tigris tigris*) animal number 1 using primers mcb398 and mcb869

<400> 12

tgaatctgag	gaggcttctc	agtagacaaa	gccaccctga	cacgattctt	tgccttccac	60
ttcatccttc	catttatcat	ctcagcccta	gcagcagtcc	acctcctatt	cctccatgag	120
acaggatcta	acaacccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	cccgataact	acatccccgc	caaccctcta	300
aacacccctc	cccatatcaa	gcgcgaat				328

<210> 13

<211> 328

<212> DNA

<213> bhz22wt

<220>

<223> DNA sequence generated from the known white tiger (*Panthera tigris tigris*) animal number 2 using primers mcb398 and mcb869

<400> 13

tgaatctgag	gaggcttctc	agtagacaaa	gccaccctga	cacgattctt	tgccttccac	60
ttcatccttc	catttatcat	ctcagcccta	gcagcagtcc	acctcctatt	cctccatgag	120
acaggatcta	acaacccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	cccgataact	acatccccgc	caaccctcta	300
aacacccctc	cccatatcaa	gcgcgaat				328

<210> 14

<211> 328

<212> DNA

<213> bhz23wt

<220>

<223> DNA sequence generated from the known white tiger (*Panthera tigris* tigris) animal number 3 using primers mcb398 and mcb869

<400> 14

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ttcatccttc	catttatcat	ctcagcccta	gcagcagtc	acctcctatt	cctccatgag	120
acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	cccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccatatcaa	gcgcgaat				328

<210> 15

<211> 328

<212> DNA

<213> bh28wt

<220>

<223> DNA sequence generated from the known white tiger (*Panthera tigris* tigris) animal number 4 using primers mcb398 and mcb869

<400> 15

tgaatctgag	gaggcttctc	agtagacaaa	gccaccctga	cacgattctt	tgccttccac	60
ttcatccttc	catttatcat	ctcagcccta	gcagcagtc	acctcctatt	cctccatgag	120
acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	cccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccatatcaa	gcgcgaat				328

<210> 16

<211> 328

<212> DNA

<213> gz1L

<220>

<223> DNA sequence generated from the known leopard (*Panthera pardus*) animal number 1 using primers mcb398 and mcb869

<400> 16

tgaatctgag	gaggcttctc	agtagacaaa	gctaccttga	cacgattctt	tgccttccac	60
ttcatccttc	catttatcat	ctcagctcta	gcagcagtc	acctcctatt	ccttcacgag	120
acaggatcta	acaaccctc	aggaatagta	tccgactcag	acaaaattcc	attccaccca	180
tactacacaa	tcaaagatat	cctgggcctt	ctagtactaa	tcctagcact	catactactc	240
gtcctattct	caccagacct	gttagggagac	cccgataact	acatccctgc	caaccctcta	300
aataccctc	cccatatcaa	gcctgaat				328

<210> 17

<211> 328

<212> DNA

<213> gz2L

<220>

<223> DNA sequence generated from the known leopard (*Panthera pardus*) animal number 2 using primers mcb398 and mcb869

<400> 17

tgaatctgag	gaggcttctc	agtagacaaa	gctaccttga	cacgattctt	tgccttccac	60
ttcatccttc	catttatcat	ctcagctcta	gcagcagtc	acctcctatt	ccttcacgag	120
acaggatcta	acaacccctc	aggaatagta	tctgactcag	acaaaattcc	attccacca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcttagcact	catactactc	240
gtcctattct	caccagacct	gttgggagac	cccgataact	acatccccgc	caaccctcta	300
aataccctc	cccatatcaa	gcctgaat				328

<210> 18

<211> 328

<212> DNA

<213> gz3L

<220>

<223> DNA sequence generated from the known leopard (*Panthera pardus*) animal number 3 using primers mcb398 and mcb869

<400> 18

tgaatctgag	gaggcttctc	agtagacaaa	gctaccttga	cacgattctt	tgccttccac	60
ttcatccttc	catttatcat	ctcagctcta	gcagcagtc	acctcctatt	ccttcacgag	120
acaggatcta	acaacccctc	aggaatagta	tctgactcag	acaaaattcc	attccacca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcttagcact	catactactc	240
gtcctattct	caccagacct	gttgggagac	cccgataact	acatccccgc	caaccctcta	300
aataccctc	cccatatcaa	gcctgaat				328

<210> 19

<211> 328

<212> DNA

<213> gz21CL

<220>

<223> DNA sequence generated from the known clouded leopard (*Neofelis nebulosa*) animal number 1 using primers mcb398 and mcb869

<400> 19

tgaatctgag	gaggcttctc	agtagacaaa	gccaccctga	cacgattttt	cgccttccac	60
ttcatcctcc	catttatcat	ctcagcctta	gcagcagttc	accttctatt	tctccatgaa	120

acaggatcca	ataacccctc	aggaatggta	tccgattcag	acaaaatccc	gttccacccg	180
tactatacaa	tcaaagatat	cctaggcctc	ctagttctaa	ttctagcgct	cacactactt	240
gttctattct	ccccagacct	actaggagac	cctgacaatt	acactcccgc	caaccctcta	300
aataccccctc	cccatatcaa	gcctgaat				328

<210> 20

<211> 328

<212> DNA

<213> gz22CL

<220>

<223> DNA sequence generated from the known clouded leopard (*Neofelis nebulosa*) animal number 2 using primers mcb398 and mcb869

<400> 20

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ttcatcctcc	catttatcat	ctcagcccta	gcagcagttc	accttctatt	tctccatgaa	120
acaggatcca	ataacccctc	aggaatggta	tccgattcag	acaaaatccc	gttccacccg	180
tactatacaa	tcaaagatat	cctaggcctc	ctagttctaa	ttctagcgct	cacactactt	240
gttctattct	ccccagacct	actaggagac	cctgacaatt	acactcccgc	caaccctcta	300
aataccccctc	cccatatcaa	gcctgaat				328

<210> 21

<211> 328

<212> DNA

<213> darz14SL

<220>

<223> DNA sequence generated from the known snow leopard (*Panthera unica*) animal number 1 using primers mcb398 and mcb869

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tgaatctgag	gaggcttctc	agtacacaaa	gccaccctga	cacgattctt	tgccttccac	60
ttcatccttc	catttatcat	ctcagcccta	gcagcagttc	acctcctatt	cctccatgag	120
acaggatcta	acaacccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	gccgataact	acatccccgc	caaccctcta	300
aacacccctc	cccatatcaa	gcccgaat				328

<210> 22

<211> 328

<212> DNA

<213> darz15SL

<220>

<223> DNA sequence generated from the known snow leopard (*Panthera unica*) animal number 2 using primers mcb398 and mcb869

<400> 22

tgaatctgag	gaggctttctc	agtacacaaa	gccaccctga	cacgattctt	tgccttccac	60
ttcatccttc	catttatcat	ctcagcccta	gcagcagtc	acctcctatt	cctccatgag	120
acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	gccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccatatcaa	gcccgaat				328

<210> 23

<211> 328

<212> DNA

<213> darz16SL

<220>

<223> DNA sequence generated from the known snow leopard (*Panthera unica*) animal number 3 using primers mcb398 and mcb869

<400> 23

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ttcatccttc	catttatcat	ctcagcccta	gcagcagtc	acctcctatt	cctccatgag	120
acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	gccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccatatcaa	gcccgaat				328

<210> 24

<211> 328

<212> DNA

<213> sbz22AL

<220>

<223> DNA sequence generated from the known asiatic lion (*Panthera leo persica*) animal number 1 using primers mcb398 and mcb869

<400> 24

tgaatctgag	gaggctttctc	agtagacaaa	gccaccctga	cacgattctt	tgccttccac	60
ttcatccttc	catttatcat	ctcagcccta	gcagcagtc	acctcctgtt	cctccatgaa	120
acaggatcta	ataaccctc	aggaatggta	tctgactcag	ataaaattcc	attccatcca	180
tactatacaa	tcaaagatat	cctaggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggagat	cccgacaact	atacccccgc	caatcctcta	300
agcaccctc	cccatatcaa	acctgaat				328

<210> 25

<211> 328

<212> DNA

<213> sbz38AL

<220>

<223> DNA sequence generated from the known asiatic lion (*Panthera leo persica*) animal number 2 using primers mcb398 and mcb869

<400> 25

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ttcatccttc	catttatcat	ctcagcccta	gcagcagtc	acctcctggt	cctccatgaa	120
acaggatcta	ataacccctc	aggaatggta	tctgactcag	ataaaaattcc	attccatcca	180
tactatacaa	tcaaagatat	cctaggcctt	ctagtactaa	tcttaacact	catactactc	240
gtcctattct	caccagacct	attaggagat	cccgacaact	atacccccgc	caatcctcta	300
agcacccttc	cccatatcaa	acctgaat				328

<210> 26

<211> 328

<212> DNA

<213> sbz39AL

<220>

<223> DNA sequence generated from the known asiatic lion (*Panthera leo persica*) animal number 3 using primers mcb398 and mcb869

<400> 26

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ttcatccttc	catttatcat	ctcagcccta	gcagcagtc	acctcctggt	cctccatgaa	120
acaggatcta	ataacccctc	aggaatggta	tctgactcag	ataaaaattcc	attccatcca	180
tactatacaa	tcaaagatat	cctaggcctt	ctagtactaa	tcttaacact	catactactc	240
gtcctattct	caccagacct	attaggagat	cccgacaact	atacccccgc	caatcctcta	300
agcacccttc	cccatatcaa	acctgaat				328

<210> 27

<211> 328

<212> DNA

<213> humsk

<220>

<223> DNA sequence generated from the known human (*Homo sapiens sapiens*) using primers mcb398 and mcb869

<400> 27

tgaatctgag	gaggctactc	agtagacagt	cccaccctca	cacgattctt	tacctttcac	60
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ttcatcttgc	ccttcattat	tgcagcccta	gcagcactcc	acctcctatt	cttgcacgaa	120
acgggatcaa	acaaccccct	aggaatcacc	tcccattccg	ataaaatcat	cttccaccct	180
tactacacaa	tcaaagacgc	cctcggccta	cttctcttcc	ttctctcctt	aatgacatta	240
acactattct	caccagacct	cctaggcgac	ccagacaatt	ataccctagc	caacccccta	300
aacacccctc	cccacatcaa	gcccgaat				328

<210> 28

<211> 328

<212> DNA

<213> chimss

<220>

<223> DNA sequence generated from the known chimpanzee (pan troglodytes) animal using primers mcb398 and mcb869

<400> 28

tgaatctgag	gaggctactc	agtagacagc	cctaccctta	cacgattctt	caccttccac	60
tttatcttac	ccttcattat	cacagcccta	acaacacttc	atctcctatt	cttacacgaa	120
acaggatcaa	ataaccccct	gggaatcacc	tcccactccg	acaaaattac	cttccacccc	180
tactacacaa	tcaaagatat	ccttggccta	ttccttttcc	tccttatcct	aatgacatta	240
acactattct	caccagacct	cctgggcgat	ccagacaact	ataccctagc	taacccccta	300
aacaccccac	cccacattaa	acccgaat				328

<210> 29

<211> 472

<212> DNA

<213> Cervus nippon centralis

<400> 29

taccatgagg	acaaatatca	ttctgaggag	caacagtcac	taccaacctc	ctctcagcaa	60
ttccatatat	tggcacaaac	ctagtogaat	ggatctgagg	gggcttctca	gtagataaag	120
caaccctaac	ccgatttttc	gctttccact	ttattcttcc	atttatcatc	gcagcacttg	180
ctatagtaca	cttactcttc	cttcacgaga	caggatccaa	caacccaaca	ggaatcccat	240
cggacgcaga	caaaatcccc	ttccatcctt	actacaccat	taaagatatc	ttaggcattc	300
tacttctagt	actcttccta	atattactag	tattattcgc	accagacctg	cttgagatc	360
cagacaacta	taccccagca	aatccactca	acacaccccc	tcacatcaaa	cctgaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caattcccaa	caaactagga	gg	472

<210> 30

<211> 472

<212> DNA

<213> Cervus nippon yesoensis

<400> 30

taccatgagg	acaaatatca	ttctgaggag	caacagtcac	taccaacctc	ctctcagcaa	60
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ttccatatat	tggcacaaac	ctagtcgaat	ggatctgagg	gggctttotca	gtagataaaag	120
caaccctaac	ccgatttttc	gctttccact	ttattcttcc	atttatcatc	gcagcacttg	180
ctatagtaca	cttactcttc	cttcacgaga	caggatccaa	caacccaaca	ggaatcccat	240
cggacgcaga	caaaatcccc	ttccatcctt	actacaccat	taaagatatc	ttaggcatct	300
tactttctagt	actcttccta	atattactag	tattattcgc	accagacctg	cttggagatc	360
cagacaacta	taccccagca	aatccactca	acacaccccc	tcacatcaaa	cctgaatgat	420
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<210> 31

<211> 472

<212> DNA

<213> Cervus nippon keramae

<400> 31

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caaccctaac	ccgatttttc	gccttccact	ttattcttcc	atttatcatc	acagcactcg	180
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cggacgcaga	caaaatcccc	ttccatcctt	actataccat	taaagatatc	ctaggcatct	300
tactttctagt	actcttcctg	atattactag	tattattcgc	accagacctg	cttggagatc	360
cagacaacta	caccccagca	aatccgctca	acacaccccc	tcacatcaaa	cctgaatgat	420
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<210> 32

<211> 472

<212> DNA

<213> Cervus nippon pulchellus

<400> 32

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caaccctaac	ccgatttttc	gccttccact	ttattcttcc	atttatcatc	acagcactcg	180
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cggacgcaga	caaaatcccc	ttccatcctt	actataccat	taaagatatc	ctaggcatct	300
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cagacaacta	caccccagca	aatccgctca	acacaccccc	tcacatcaaa	cctgaatgat	420
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<210> 33

<211> 472

<212> DNA

<213> Cervus nippon nippon

<400> 33

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caaccctaac	ccgatttttc	gccttccact	ttattcttcc	atttatcatc	acagcactcg	180

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tactttctagt	actctttcctg	atattactag	tattattcgc	accagacctg	cttggagatc	360
cagacaacta	caccccagca	aatccgctca	acacaccccc	tcacatcaaa	cctgaatgat	420
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<210> 34

<211> 472

<212> DNA

<213> Cervus elaphus scoticus

<400> 34

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caaccctaac	cggatttttc	gctttccact	ttattctccc	atttatcatc	gcagcactcg	180
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cagacgcaga	caaaatcccc	tttcacccct	attataccat	taaagatata	ttaggcatct	300
tactttctgt	actctttctta	atattactag	tattattcgc	accagacctu	cttggagatc	360
cagataacta	caccccagca	aacccactca	acacaccccc	tcatattaaa	cctgaatgat	420
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<210> 35

<211> 472

<212> DNA

<213> Cervus dama

<400> 35

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caaccctaac	tcgattcttc	gctttccact	ttattctacc	attcatcatt	gcggcacttg	180
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cagatgtaga	taaaattccc	tttcacccct	actacaccat	taaagatatt	ttaggcatcc	300
tatttcctatt	tctctttctta	ataacactag	tactatttgc	accagacttg	cttggagacc	360
cagacaaata	cactccagca	aatccactca	acacacctcc	tcatattaaa	cccgaatgat	420
acttcctatt	tgcatacgca	atcctacgat	caattcccaa	taaattagga	gg	472

<210> 36

<211> 472

<212> DNA

<213> Rangifer tarandus

<400> 36

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caaccctaac	cggatttttt	gcttttccact	ttattcttcc	atttattatc	gcagcactcg	180
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cagactcaga	taaaattcca	ttccatccct	attatactat	caaagacatt	ctaggcatcc	300

tactccta	at	tctcttcctt	at	actactag	tattatttgc	accagactta	ctaggagacc	360
cagacaacta	t	acccagca	a	ccctca	acactcccc	tcatattaaa	cctgaatgat	420
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<210> 37

<211> 472

<212> DNA

<213> Moschus fuscus

<400> 37

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caacactcac	tcgattcttt	gcctttcact	tcattctccc	atttatcatc	gcagcactcg	180
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cggacaatta	tacccagca	aaccattaa	atacgcctcc	acatattaaa	cccgaatgat	420
atttcctatt	tgcatatgcc	attctacgat	caattcccaa	caaactagga	gg	472

<210> 38

<211> 472

<212> DNA

<213> Moschus leucogaster

<400> 38

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caacactcac	cogattcttt	gccttccact	tcattctccc	atttatcatc	gcagcactcg	180
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cagatataga	caaaatccca	ttccacccct	actacaccat	caaagacatt	ctaggtgtcc	300
tattactaat	cttagtctta	ataacactag	tactattcac	acctgattta	cttggagacc	360
cggacaatta	tacccagca	aaccattaa	atacaccctcc	acatattaaa	cccgaatgat	420
atttcctatt	tgcatatgcc	attctacgat	caattcccaa	caaactagga	gg	472

<210> 39

<211> 472

<212> DNA

<213> Moschus chrysogaster

<400> 39

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caacactcac	tcgattcttt	gccttccact	tcattctccc	atttatcatc	gcagcactcg	180
ctatggttca	cctactcttt	ctccacgaaa	caggatccaa	caacccaaca	ggaatcacat	240
cagacataga	caaaatccca	ttccacccct	actacaccat	caaagacatt	ctaggtgtcc	300
tattactaat	cctagtctta	ataacactag	tactattcac	acctgattta	cttggagacc	360

cggacaatta	tacccccggca	aaccatttaa	atagcccccc	acatattaaa	cccgaatgat	420
acttcctatt	tgcatatgcc	atcctacgat	caattcccaa	caaactagga	gg	472

<210> 40

<211> 472

<212> DNA

<213> Moschus berezovskii

<400> 40

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caacactcac	ccgattcttt	gccttcact	tcattctccc	atttatcatc	gcagcactcg	180
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cagacataga	caaaatccca	ttccacccct	actacactat	caaagacatt	ctaggtgtcc	300
taatactaata	cttagtctta	atagtactag	tactattcac	acccgattta	cttggagacc	360
cggacaatta	taccccagca	aaccatttaa	acacaccacc	acatattaaa	cccgaatgat	420
acttcctatt	tgcatatgcc	attctacgat	caattcccaa	caaactagga	gg	472

<210> 41

<211> 472

<212> DNA

<213> Moschus moschiferus

<400> 41

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caacactcac	ccgattcttt	gcctttcact	ttatctctcc	atttatcatt	gcagcactcg	180
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cagacataga	caaaatccca	tttcacccct	actacaccat	caaagatatt	ctaggtatcc	300
tattactaat	cttaaatctta	atagcactag	tgctatttac	acccgacctt	cttggagacc	360
cggacaacta	tactccagca	aaccatttaa	atacacctcc	acatattaaa	cccgaatggt	420
actttctatt	tgcatatgcc	attctacgat	caatttcctaa	taaactagga	gg	472

<210> 42

<211> 472

<212> DNA

<213> Kobus ellipsiprymnus

<400> 42

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caacccttac	ccgcttcttc	gccttcact	ttattctccc	atttatcatc	gcggctatta	180
ccatagtcca	tcttctgttt	ctccatgaaa	caggatccaa	taatcccaca	ggaatctcat	240
cagacataga	taaaatccca	ttccacccct	actacaccat	caaagacatt	ctaggcgccc	300
tactactaat	cctagtctta	atactcttag	ttctattcgc	ccccgacctt	cttggagacc	360
ctgacaacta	tgccccagca	aaccacttta	acacgcccct	cacaattaaa	cctgaatgat	420

acttcttatt cgcatatgca attctacgat caatcccaa caaactagga gg

472

<210> 43

<211> 472

<212> DNA

<213> Kobus megaceros

<400> 43

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caacccttac	cggcttcttc	gccttcact	ttatcctccc	atztatcatc	gcagctatcg		180
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cagacacaga	caaaatccca	ttccacccat	attataccat	caaagatatt	ctaggtgccc		300
tcctattaat	cctaatacta	atactcctag	tactatttgc	ccccgaccta	cttgagagacc		360
ctgacaatta	taccccagca	aacccactta	atacacctcc	ccatattaaa	cccgaatgat		420
atttcttatt	cgcatacgca	attttacggg	caatttcctaa	taaactggga	gg		472

<210> 44

<211> 472

<212> DNA

<213> Redunca arundinum

<400> 44

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caacccttac	cggattcttc	gccttcact	ttatcctccc	attcattatc	acagccctcg	180
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cgcacaatta	tactccagca	aatccactca	acacaccccc	tcatattaaa	cccgaatgat	420
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<210> 45

<211> 472

<212> DNA

<213> Redunca fulvorufula

<220>

<221> n

<222> 269;431

<223> unknown base

<400> 45

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cggacaatta	caccccagca	aaccctctca	acacaccccc	tcacatcaaa	ccagaatggt	420
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<210> 46

<211> 472

<212> DNA

<213> *Neotragus moschatus*

<400> 46

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caaccctcac	cggatttttt	gccttccact	tcattctccc	atztatcatc	gcagcactcg	180
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cagacaacta	cacccccgca	aaccctctta	acacgcctcc	ccatatcaaa	cccgaatgat	420
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<210> 47

<211> 472

<212> DNA

<213> *Pelea capreolus*

<400> 47

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ctgacaatta	cacccctgca	aaccgcctca	acacaccccc	tcatatcaaa	cccgaatgat	420
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<210> 48

<211> 472

<212> DNA

<213> *Antilope cervicapra*

<400> 48

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caacccttac	ccgattttttc	gccttccact	ttatcctccc	atztatcatt	gcagccctta	180
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cagacaacta	tacaccagca	aaccactta	atacaccccc	acatatcaag	cccgaatgat	420
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<210> 49

<211> 472

<212> DNA

<213> Saiga tatarica

<400> 49

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cagacaacta	cacrcagca	aaccactta	acacaccccc	acatatataa	cccgaatgat	420
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<210> 50

<211> 472

<212> DNA

<213> Gazella dama

<400> 50

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cagacaacta	cacaccagca	aatccactca	atacaccccc	acatatataa	cctgagcgat	420
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<210> 51

<211> 472

<212> DNA

<213> Ourebia ourebi

<400> 51

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cagacaacta	tacaccagca	aaccactaa	atacaccccc	acatattaaa	cctgagtggg	420
atttcctatt	cgcatacgca	attctccgat	cgattcccaa	caaactagga	gg	472

<210> 52

<211> 472

<212> DNA

<213> Gazela gazella

<400> 52

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cagacaacta	tacaccagca	aatccactca	acacaccccc	acacatcaaa	cctgaatggg	420
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<210> 53

<211> 472

<212> DNA

<213> Raphicerus melanotis

<400> 53

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cagacaacta	tacaccagca	aaccactca	acacaccccc	acatatcaaa	cccgaatggg	420
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<210> 54

<211> 472

<212> DNA

<213> Madoqua kirkii

<400> 54

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cagacgcaga	cggaatccca	ttccgcccct	actacactat	taaagacatc	ctagggcgccc	300
tactactaat	tataggcctc	atactcctag	ttctattctc	accagacctg	ctcggagacc	360
cagacaacta	cacaccagca	aatcccccta	acacgcccc	acacattaaa	cctgaatgat	420
atttcctatt	cgcataatgca	atcctccgat	caatccctaa	caaactaggg	gg	472

<210> 55

<211> 472

<212> DNA

<213> *Antilocapra americana*

<400> 55

taccatgagg	acaaatatca	ttctgagggg	caacagtcac	tactaaccta	ctctcagcaa	60
tcccatacat	tgggtactaac	ctagtagaat	gaatctgagg	gggattctca	gtagacaaag	120
caaccctcac	cggattcttc	gcattccact	ttatcctccc	attcatcatt	gcagcactag	180
ccatagtaca	cttactattc	ctccacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
cagacgcaga	caaaatccca	ttccacccat	actacacat	caaagacatt	ctaggagcac	300
tactaataat	cttagcccta	ataatactag	tactattctc	accagacctg	ttaggagacc	360
ccgacaacta	cacaccagct	aaccactca	acactcccc	acacattaag	ccagaatgat	420
atttcctatt	cgcatacgc	atcctacgat	caatccctaa	caaactagga	gg	472

<210> 56

<211> 472

<212> DNA

<213> *Tragulus javanicus*

<400> 56

taccctgagg	acagatatct	ttctgaggag	ccacagtcac	caccaacctc	ttatcagcta	60
tcccatacat	tggcacagac	ttggtcgaat	gaatctgagg	tggtttttca	gtagacaaag	120
caacccttac	acgattcttt	gccttcact	ttatcctccc	atttatcatt	acagccctag	180
tcctagtcca	cctttttatt	ctccacgaaa	caggatctaa	taaccccaca	ggaatccct	240
cagacgcaga	caaaatcccc	ttccacccat	actacactat	taaagacatt	ctaggggttc	300
tagccctatt	tctagcccta	atactactag	tcctattctc	acccgacctc	cttggagacc	360
cagataacta	cacccccgcc	aaccccccta	acacaccacc	ccatatcaaa	cccgaatgat	420
atttcctatt	tgcatacgc	attcttcggt	caatccccaa	taaactagga	gg	472

<210> 57

<211> 472

<212> DNA

<213> *Tragulus napu*

<400> 57

taccctgagg	gcaaatatct	ttttgaggag	ctacagtcac	cactaacctt	ctttcagcaa	60
tcccctatat	cggcaccgaa	ctagttgaat	gaatctgagg	cgggttctca	gtagacaaag	120
caacccttac	acgatttttt	gccttcact	tcctcctccc	atttgtcatt	acagccctag	180
ccctagtcca	tctttttatt	ctccacgaga	caggatcaaa	taaccccaca	ggaatccct	240
cagacgcaga	caagatcccc	ttccacccat	actacacat	caaagatgtc	ctaggggttc	300

tagtccta	actagtcctt	ctattaactag	tcctatatttc	accggacttg	ttgggagacc	360
ccgacaatta	cactccggca	aacccccctca	acacaccacc	tcatattaag	ccagagtggg	420
atttcctatt	cgcatacgca	atcctacgat	caatccccaa	taaattagga	gg	472

<210> 58

<211> 472

<212> DNA

<213> *Balaenoptera acutorostrata*

<400> 58

taccctgagg	acaaatatca	ttttgaggtg	caaccgtcat	caccaacctc	ctatcagcaa	60
tcccatatat	tggtactacc	ttagtcgaat	gaatctgagg	tggtttctct	gtagacaaag	120
caacattaac	acgctttttt	gccttccact	tcctctctcc	ttttattatc	ctagcattag	180
caattgtcca	cctcattttt	ctccacgaaa	caggatccaa	taaccccaca	ggtatcccat	240
ctgacataga	caaaatccca	ttccacccct	actacacaat	caaagacatt	ctaggcgccc	300
tactactaat	tctaacccta	ctagactaa	ccctattcgc	accggacctg	cttggagacc	360
ccgacaacta	taccccagca	aacccactca	gtaccccagc	acacattaaa	ccagaatgat	420
acttcctatt	cgcatacgca	atcctacgat	caatccctaa	taaactaggc	gg	472

<210> 59

<211> 472

<212> DNA

<213> *Balaenoptera bonaerensis*

<400> 59

taccctgagg	acaaatatca	ttttgaggcg	caaccgtcat	caccaacctc	ctatcagcaa	60
tcccatatat	tggtaccacc	ttagttgaat	gaatctgagg	tggtttctct	gtagacaaag	120
caacattaac	acgctttttt	gccttccact	tcctctctcc	tttcattatc	ctagcattag	180
caattgtcca	cctcattttt	ctccgcgaaa	caggatccaa	taaccccaca	ggtattccat	240
ctgatataga	caaaatccca	ttccacccct	attacacaat	caaagacatt	ctaggcgccc	300
tactactaat	tctaacccta	ctaactactaa	ccctattcgc	acccgacctg	ctcggagacc	360
ccgacaacta	caccccagca	aacccactca	gtaccccagc	acacattaaa	ccagaatgat	420
attttctatt	cgcatacgca	atcctacgat	caatccccaa	taaactaggc	gg	472

<211> 472

<212> DNA

<213> *Balaenoptera borealis*

<400> 60

taccctgagg	acaaatatca	ttttgaggcg	caaccgtcat	caccaacctc	ttatcagcaa	60
tcccatatat	tggtactacc	ctagtcgaat	ggatctgagg	cggttttctct	gtagataaag	120
caacactaac	acgctttttt	gccttccact	tcattctctcc	cttcattatt	ctagcactag	180
caattgtcca	cctcattttt	ctccatgaaa	caggatccaa	caaccccaca	ggtattccat	240
ccgacataga	caaaatccca	ttccacccct	actacacagt	taaagacatt	ctaggcgccc	300
tactactaat	cctaacccta	ctaataactaa	ccctattcgc	acccgacctg	cttggagacc	360
cagacaacta	caccccagca	aatccactca	gtaccccagc	acacattaaa	ccagaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caatccccaa	caaattaggc	gg	472

<210> 61

<211> 472

<212> DNA

<213> Balaenoptera edeni

<400> 61

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tcccatacat	tggtactacc	ctagtccaat	gaatctgggg	cggttttctct	gtagataaag	120
caacactaac	acgctttttt	gccttccact	ttatcctccc	cttcattatt	ctagcactag	180
caatggtcca	cctcattttc	ctccacgaaa	caggatccaa	taaccccaca	ggtattccat	240
ccaacataga	caaaatccca	ttccaccctt	attacacaac	taaagacatt	ctaggcgccc	300
tactactaat	cctaacccta	ctaatagctaa	ccctattcgt	acccgacctt	cttggagacc	360
cagacaacta	cactccagca	aatccactca	gtaccccaac	acacattaaa	ccagaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caattcccaa	caaattaggc	gg	472

<210> 62

<211> 472

<212> DNA

<213> Eschrichtius robustus

<400> 62

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tcccatacat	tggtactacc	ctagtccaat	gggtctgagg	cggtttttct	gtagataaag	120
caacactaac	acgcttcttt	gccttccact	tcatecttcc	attcattatc	ctagcactag	180
caattgtcca	cctcattttc	ctccacgaaa	cgggatccaa	caaccccaca	ggcattccat	240
ccaacataga	caatatccca	ttccaccctt	attacacaat	taaagacata	ctaggcgccc	300
tgctactaat	cctaacccta	ctaatactaa	ccctattcgc	acccgacctg	ctcggagacc	360
cagacaacta	taccccagca	aaccactca	gcaccccaac	acatattaaa	ccagagtgat	420
atttcctatt	tgcatacgca	atcctacgat	cgatccccaa	caaattaggc	gg	472

<210> 63

<211> 472

<212> DNA

<213> Balaenoptera musculus

<400> 63

tgccctgagg	acaaatatca	ttctgaggcg	caaccgtcat	caccaacctc	ctatcagcaa	60
tcccatacat	tggtactacc	ctagtccaat	gaatctgagg	cggtttttct	gtggataaag	120
caacactaac	acgcttcttt	gccttccact	tcattctccc	cttcattcatt	atagcattag	180
caatcgtcca	cctcatcttc	cttcacgaaa	caggatccaa	caaccccaca	ggtatcccat	240
ctgacataga	taaaattcca	ttccaccctt	actacacaat	taaagacatt	ctaggcgccc	300
tactactaat	cctaacccta	ctaataattaa	ctctatttgc	acccgactta	ctcggagacc	360
cagacaacta	caccccagca	aaccactca	gtacccacgc	acacattaaa	ccagagtgat	420
atttcctatt	tgcatacgca	atcctacgat	caatccccaa	caaattaggc	gg	472

<210> 64

<211> 472

<212> DNA

<213> Megaptera novaeangliae

<400> 64

taccctgagg	acaaatatca	ttctgaggcg	caaccgtcat	caccaacctt	ctatcagcaa	60
tcccatacat	tggtactacc	ctagtcgaat	gaatctgggg	cggtttttcc	gtagacaaag	120
caacactaac	acgttttctt	gctttccact	tcatcctccc	cttcatcatt	acagcattag	180
caatcgtcca	cctcattttc	ctccacgaaa	caggatccaa	caaccccaca	ggcatcccat	240
ccaacataga	caaaatccca	ttccaccctt	actacacaat	caaagacact	ctaggcgccc	300
tattactaat	cctaacccta	ctaattgttaa	ccctattcgc	acctgacctg	cttggagacc	360
cagataacta	caccccagca	aaccactca	gtaccccagc	acacattaaa	ccagagtgat	420
atttcctatt	tgcatacgca	atcctacgat	caatcccaa	caaactaggc	gg	472

<210> 65

<211> 472

<212> DNA

<213> Balaenoptera physalus

<400> 65

tgccctgagg	acaaatatca	ttctgaggcg	caactgtaat	cactaacctc	ctatcagcaa	60
tcccatacat	tggtaccacc	ctagtcgaat	gaatctgagg	cggttttctc	gtagataaag	120
caacactaac	acgctttttt	gcctttcact	ttatcctccc	cttcatcatc	ctagcattag	180
caattgtcca	ccttattttc	cttcacgaaa	caggatccaa	caaccccaca	ggcatcccat	240
ccgacataga	taaaatccca	ttccaccctt	accacacaat	taaagacatt	ctagggtgcc	300
tattactaat	cctaattcta	ctaatactaa	ccctattcgc	acccgacctt	cttggagacc	360
cagacaacta	taccccagca	aaccactca	gtaccccagc	acacattaaa	ccagaatggt	420
attttctatt	cgcatacgca	atcctacgat	caatcccaa	caaactaggc	gg	472

<210> 66

<211> 472

<212> DNA

<213> Caperea marginata

<400> 66

tgccctgagg	acagatatca	ttctgaggcg	caaccgtcat	caccaacctc	ctatcagcaa	60
tcccatatat	tggtaccacc	ctagttgaat	gaatctgggg	tggctttctc	gtagacaaaag	120
cgacactaac	tcgctttctt	gctttccact	tcatcctccc	tttcattatt	ctagcgctag	180
cagctgttca	tctccttttc	ctccacgaaa	caggatctaa	caaccccaca	ggcatcccat	240
ccaacataga	caaaattcca	ttccaccctt	actacacaat	taaagacatc	ctgggcgtcc	300
tactactaat	cctgacccta	ctaataattaa	ccttattttac	acctgacctg	cttggagacc	360
ctgacaacta	caccccagca	aatcccctca	gcaccccagc	acacatcaag	ccagaatgat	420
atttcctatt	tgcatatgca	atcctacgat	caattcctaa	taaattagggt	gg	472

<210> 67

<211> 472

<212> DNA

<213> Cephalorhynchus commersonii

<400> 67

taccctgggg	acagatatca	ttttgaggtg	caacagtcac	caccaacctc	ctatcagcaa	60
ttccctacac	cggtagtacc	ttagtagaat	gaatctgagg	cggattttcc	gtagacaaaag	120
caacactaac	acgctttttc	gccttccact	ttatcctccc	attcatcatc	acagcattag	180
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ccaacataga	cataatccca	ttccaccctt	attacacaat	taaagacatc	ctaggcgctt	300
tattcctaata	cctaacccta	ctagcattaa	ccctatttgc	ccccgacctc	ctaggagacc	360
ctgataacta	taccccagca	aatccattaa	gcacccccgc	acacatcaaa	ccagagtgat	420
acttcctatt	cgcatatgca	atcctacgat	caattcccaa	taaacttgga	gg	472

<210> 68

<211> 472

<212> DNA

<213> Cephalorhynchus eutropia

<400> 68

taccctgggg	acagatatca	ttttgaggtg	caacagtcac	caccaacctc	ctatcagcaa	60
ttccctacac	cggtagtacc	ttagtagaat	gaatctgagg	cggattttcc	gtagacaaaag	120
caacactaac	acgctttttc	gccttccact	ttatcctccc	attcatcatc	acagcattag	180
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ccaacataga	cataatccca	ttccaccctt	attacacaat	taaagacatc	ctaggcgctt	300
tattcctaata	cctaacccta	ctagcactaa	ccctattcgc	ccctgacctc	ctaggagacc	360
ctgataacta	taccccagca	aatccattaa	gcacccccgc	acacatcaaa	ccagaatgat	420
acttcctatt	cgcatatgca	atcctacgat	caattcctaa	taaacttgga	gg	472

<210> 69

<211> 472

<212> DNA

<213> Lagenorhynchus obliquidens

<400> 69

taccctgagg	acagatatca	ttctgaggtg	caacagtcac	caccaacctc	ctatcagcaa	60
ttccctacac	cggtagtacc	ttagtagaat	gaatctgagg	cggattttcc	gtagacaaaag	120
caacactaac	acgctttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
cagccgtcca	cctactattc	ctacacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	attacacaat	taaagacatc	ctaggcgctt	300
tattcctaata	tctaacccta	ctagcactaa	ccctattcac	ccctgacctc	ctaggagacc	360
ctgataacta	taccccagca	aatccattaa	gcacccccgc	acacatcaaa	ccagaatggt	420
acttcctatt	cgcatatgca	atcctacgat	caattcctaa	taaacttgga	gg	472

<210> 70

<211> 472

<212> DNA

<213> Cephalorhynchus heavisidii

<400> 70

taccctgagg	acaaatatca	ttttgaggcg	caacagtcac	caccaacctc	ctatcagcaa	60
ccccctacat	cggctactacc	ttagtagaat	gaatctgagg	cggattttcc	gtggacaaaag	120
caacactaac	acgctttttc	gccttccact	ttatcctccc	attcatcatc	acagcattag	180
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ccaacataga	cataatccca	ttccaccctt	attacacaat	taaagacatc	ctaggcgctt	300
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ctgataacta	taccccagca	aatccattaa	gcacccccgc	acacatcaaa	ccagaatgat	420
acttcctatt	cgcatatgca	atcctacgat	caatccctaa	taaacttgga	gg	472

<210> 71

<211> 472

<212> DNA

<213> cephalorhynchus hectori

<400> 71

taccctgagg	acaaatatca	ttttgagggtg	caacagtcac	caccaacctc	ctatcagcaa	60
ccccctacat	cggcactacc	ttagtagaat	gaatctgagg	aggattttcc	gtagacaaaag	120
caacactaac	acgctttttc	gcctttcact	ttatcctccc	attcatcatc	acagcattaa	180
cagcgtcca	cctactattc	ctacacgaaa	caggatccaa	caaccccaca	ggaattccat	240
ccaacataga	cataatccca	ttccaccctt	attacacaat	taaagacatc	ttaggcgctt	300
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ctgataacta	taccccagca	aatccattaa	acacccccgc	acacatcaaa	ccagaatgat	420
acttcctatt	cgcatatgca	atcctacgat	caattccctaa	taaacttgga	gg	472

<210> 72

<211> 472

<212> DNA

<213> Lagenorhynchus australis

<400> 72

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ccccctacat	cggctactacc	ttagtagaat	gaatctgagg	cggattttcc	gtagataaag	120
caacactaac	acgctttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
cagcgtcca	cttactattc	ttacacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	actacacaac	taaagacatc	ctaggcgctt	300
tattcctaata	tctagcccta	ctagcactaa	ccctattcac	ccctgaccta	ctaggagacc	360
ctgacaacta	taccccagca	aatccattaa	gcacccccgc	acacatcaaa	ccagaatgat	420
atttcctatt	cgcatatgca	atcctacgat	caattccctaa	taaactcgga	gg	472

<210> 73

<211> 472

<212> DNA

<213> *Lagenorhynchus cruciger*

<400> 73

taccctgagg	acagatatca	ttttgaggtg	caacagtcac	caccaacctc	ctatcagcaa	60
ttccctacat	cggtagtacc	ttagtagaat	gaatctgagg	cggattttcc	gtagacaaag	120
caacactaac	acgttttttc	gctttccact	tcctcctccc	attcatcatc	acagcattag	180
cagcgttcca	cctgctattc	ctacacgaaa	caggatccaa	caacccacac	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	actacacaat	taaagacatc	ctaggcgctt	300
tatttctaata	cctaacccta	ctagcactaa	ccctgttcac	ccctgaccta	ctaggagacc	360
ctgacaacta	taccccagca	aatccattaa	gcaccccgcc	acacatcaaa	ccagaatgat	420
atttcctatt	cgcataatgca	atcctacgat	caatttcctaa	taaactcgga	gg	472

<210> 74

<211> 472

<212> DNA

<213> *Lagenorhynchus obscurus*

<400> 74

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ttccctacat	tggtagtacc	ttagtagaat	gaatctgagg	cggattttcc	gtagacaaag	120
caacactaac	acgttttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
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ccaacataga	cataatccca	ttccaccctt	attacacaat	taaagacatc	ctagggtgctt	300
tatttctaata	tctagcccta	ctaactactaa	ccttattcac	ccccgaccta	ctaggagacc	360
ctgataacta	taccccagca	aatccattaa	gcaccccgag	acacatcaaa	ccagaatgat	420
atttcctatt	cgcataatgca	atcctacgat	caatttcctaa	taaacttgga	gg	472

<210> 75

<211> 472

<212> DNA

<213> *Lissodelphis borealis*

<400> 75

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ttccctacat	cggtagtacc	ttagtagaat	gaatctgagg	cggattttcc	gtagacaaag	120
caacactaac	acgttttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
cagctgttca	cctactattc	ctacacgaaa	caggatccaa	caacccacac	ggaattccat	240
ccaacataga	cataatccca	ttccaccctt	attacacaat	taaagacatc	ctgggcgctt	300
tatttctaata	tctggcccta	ctagcactaa	ccctattcac	ccctgaccta	ttaggagacc	360
ctgataacta	caccccagca	aatccattaa	gcacccctgc	acacatcaaa	ccagaatggt	420
atttcctatt	tgcataatgca	atcctacgat	caatttcctaa	taaacttgga	gg	472

<210> 76

<211> 472

<212> DNA

<213> *Lissodelphis peronii*

<400> 76

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tcccctacat	cggactacc	ttagtagaat	gaatctgagg	cggattttcc	gtagacaaag	120
caacactaac	acgttttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
cagctgttca	cctactgttc	ctacacgaga	caggatccaa	taaccccaca	ggaattccat	240
ccaacataga	cataatccca	ttccaccctt	attacacaat	taaagacatc	ctgggcgctt	300
tattcttaat	tctgacccta	ctagcactaa	ccctattttac	ccctgacctg	ttaggagatc	360
ctgataacta	caccccagca	aatccattaa	gcacccctgc	acacatcaaa	ccagaatggt	420
actttctatt	cgcatacgca	atcctacgat	caatttcctaa	taaacttgga	gg	472

<210> 77

<211> 472

<212> DNA

<213> *Globicephala macrorhynchus*

<400> 77

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tcccctacat	cggcaccacc	ttagtagaat	gaatctgagg	tggattttcc	gtagacaaag	120
caacactaac	acgttttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
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ccaacataga	cataattcca	ttccaccctt	attatacaat	taaagacatc	ctaggcgccc	300
tactcttaat	cctagcacta	ctaactactaa	ccctattcac	ccctgacctc	ctaggagacc	360
ctgataacta	tactccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
atttcctatt	cgcatacgca	atcctacgat	caattcccaa	taaacttgga	gg	472

<210> 78

<211> 472

<212> DNA

<213> *Globicephala melas*

<400> 78

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caacactaac	acgttttttc	gctttccact	ttatcctccc	attcatcatc	acaacattag	180
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ccaacataga	cataattcca	ttccaccctt	attatacaat	taaagatatc	ctaggcgccc	300
tactcttaat	cctagcacta	ctaactactaa	ccctattcac	ccctgacctc	ctaggagacc	360
ctgataacta	tactccagca	aacccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
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<210> 79

<211> 472

<212> DNA

<213> *Feresa attenuata*

<400> 79

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tcctttacat	cggcaccact	ttagtagaat	gaatctgagg	tggattttcc	gtagacaaag	120
caacactaac	acgttttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
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ccaacataga	cataattcca	ttccaccctt	attatacaac	taaagatatc	ctagggtgcc	300
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ctgataacta	tactccagca	aaccactaa	gcaccctgc	acacatcaaa	ccagagtgat	420
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<210> 80

<211> 472

<212> DNA

<213> *Peponocephala electra*

<400> 80

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caacactaac	acgttttttc	gctttccact	tcacctccc	attcatcatc	acagcattgg	180
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ccaacataga	cataattcca	ttccaccctt	attatacaat	taaagacatc	ctaggcgctc	300
tactcttaat	cttagcacta	ctaactactaa	ccctattcac	ccctgacctc	ctaggagacc	360
ctaacaacta	taccccagca	aaccactaa	gcaccctgc	acacatcaaa	ccagaatgat	420
atttcctatt	cgcatatgca	atcttacgat	caattcccaa	taaacttgga	gg	472

<210> 81

<211> 472

<212> DNA

<213> *Grampus griseus*

<400> 81

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caacactaac	acgttttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
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ccaacataga	cataattcca	ttccaccctt	attacacaat	taaagacatc	ctaggcgccc	300
tactccta	cctaactacta	ctaactactaa	ccctattcac	ccctgacctc	ctaggagacc	360
ctgataacta	cactccagca	aaccgctaa	gcaccctgc	acacatcaaa	ccagaatgat	420
atttcctatt	cgcatatgca	atcttgcgat	caattcccaa	caaacttgga	gg	472

<210> 82

<211> 472

<212> DNA

<213> *Pseudorca crassidens*

<400> 82

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caacactaac	acgttttttc	actctccact	ttatcctccc	attcatcatt	acagcactaa	180
cagctaccca	cctactattc	ctacacgaga	ctggatccaa	taacccaca	ggaatcccat	240
ccaacataga	cataattcca	ttccaccctt	attacacaat	taaagatatc	ctaggcgccc	300
tactcttaat	tctaacccta	ctaactactaa	ccctattcac	ccccgacct	ctaggagacc	360
ctgataacta	tattccagca	aaccactaa	acaccctgc	acacatcaaa	ccagaatgat	420
atttcctatt	cgcataatgca	atcttacgat	caattcctaa	taaacttgga	gg	472

<210> 83

<211> 472

<212> DNA

<213> *Lagenorhynchus acutus*

<400> 83

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caacactgac	acgttttttc	gccttccatt	tcctcctccc	attcataatt	acagcattag	180
cagctgttca	cctgctgttc	ctacacgaga	caggatccaa	taaccctaca	ggaatcccat	240
ctaacataga	tataatcccg	ttccaccctt	attatacaat	taaagatatc	ctaggcgctt	300
tactcttaat	cctaacccta	ctagcactaa	ccctattcac	ccctgacct	ctaggagacc	360
ctgataacta	cactccagca	aatccactaa	gcaccctgc	acacatcaaa	ccagaatgat	420
atttcctatt	cgcataatgca	atcctacgat	caattcccaa	caaacttgga	gg	472

<210> 84

<211> 472

<212> DNA

<213> *Orcinus orca*

<400> 84

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caacactaac	acgtttcttt	gccttccact	ttatcctccc	attcatcatc	acagcattaa	180
cagctgttca	cctactgttc	ctacacgaga	caggatccaa	taacccaca	ggaatcccat	240
ccaacataga	tataatccca	ttccaccctt	atcacacaat	taaagatacc	ctaggcgccc	300
tactcttaat	cctaaccctg	ctagcactaa	ccttattcgc	ccctgacct	ctaggagacc	360
ctgacaacta	taccccagca	aatccactaa	gcaccctgc	acacatcaaa	ccagaatgat	420
acttcctatt	cgcatacgc	atcctacgat	cagttcccaa	taaacttgga	gg	472

<210> 85

<211> 472

<212> DNA

<213> *Orcaella brevirostris*

<400> 85

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caacactaac	acgttttttc	gccttccact	ttatccttcc	attcatcatc	acagcactag	180
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ccaacataga	cataatccca	ttccaccctt	atcatacatt	taaagacatc	ctaggcgccc	300
tactcttaat	cttagtccta	ctaactactaa	ccctgttcac	ccccgacct	ctaggagacc	360
ctgataacta	tactccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
acttcctatt	cgcatacgcg	atcctacgat	caattcctaa	taaactcggg	gg	472

<210> 86

<211> 472

<212> DNA

<213> Delphinus capensis

<400> 86

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caacattaac	acgttttttc	gctttccact	ttatccttcc	attcatcatc	acagcattag	180
cagccgttca	cctgctattc	ctacacgaaa	caggatccaa	taacccacac	ggaatcccat	240
ccaatataga	cataatccca	ttccaccctt	attatacaat	caaagatatc	ctagggtgct	300
tactcctaata	cttaacccta	ctagcactga	ccctattcac	tccagacct	ctaggagacc	360
ctgataacta	taccccagca	aatccactaa	gcacccctgc	acatatcaaa	ccagaatgat	420
actttctatt	cgcatacgca	atccttacgat	caatccctaa	taaacttgga	gg	472

<210> 87

<211> 472

<212> DNA

<213> Delphinus tropicalis

<400> 87

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caacattaac	acgttttttc	gctttccact	ttatccttcc	attcatcatc	acagcattag	180
cagccgttca	cctgctattc	ctacacgaaa	caggatccaa	taacccacac	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	attatacaat	caaagatatc	ctagggtgcc	300
tactcctaata	cttaacccta	ctagcactga	ccctattcac	tcccagacct	ctaggagacc	360
ctgataacta	taccccagca	aatccactaa	gcacccctgc	acatatcaaa	ccagaatgat	420
actttctatt	cgcatacgca	atccttacgat	caatccctaa	taaacttgga	gg	472

<210> 88

<211> 472

<212> DNA

<213> Delphinus delphis

<400> 88

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tactccta	cttaacccta	ctagcactaa	ccctattcac	tcccgcaccta	ctaggagacc	360
ctgataacta	taccccagca	aatccactaa	gcaccctgc	acacatcaaa	ccagaatgat	420
actttctatt	cgcataatgca	atcttacgat	caatccctaa	taaacttgga	gg	472

<210> 89

<211> 472

<212> DNA

<213> *Stenella clymene*

<400> 89

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caacattaac	acgctttttc	gctttccact	ttatcctccc	gttcattatc	acagcattag	180
cagccgttca	cctgctattc	ctacacgaaa	caggatccaa	taaccccaca	ggaattccat	240
ccaatataga	cataatccca	ttccaccctt	attatacaat	caaagatata	ctaggtgcct	300
tactccta	cttaacccta	ctagcactaa	ccctattcac	ccccgcaccta	ctaggagacc	360
ctgacaacta	taccccagca	aatccactaa	gcaccctgc	acacatcaaa	ccagaatgat	420
actttctatt	cgcataatgca	atcttacgat	caatccctaa	taaacttgga	gg	472

<210> 90

<211> 472

<212> DNA

<213> *Stenella coeruleoalba*

<400> 90

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caacattaac	acgctttttc	gctttccact	ttatcctccc	gttcattatc	acagcattag	180
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ctgataacta	taccccagca	aatccactaa	gcaccctgc	acacatcaaa	ccagaatgat	420
actttctatt	cgcataatgca	atcttacgat	caatccctaa	caaacttgga	gg	472

<210> 91

<211> 472

<212> DNA

<213> *Tursiops aduncus*

<400> 91

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tcccttatat	tggcactacc	ttagtcgaat	gaatctgagg	tggattctcc	gtagacaaag	120

caacactaac	acgctttttc	gctttccact	ttatcctccc	gttcgtcatc	acagcattag	180
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ccaatataga	cataatccca	tttcaccctt	attatacaat	caaagacatc	ctaggtgcct	300
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ctgataacta	tatcccagca	aatccactaa	gtacccccgc	acacatcaaa	ccagagtgat	420
actttctatt	cgcatacgca	atcttacgat	caatccctaa	taaacttgga	gg	472

<210> 92

<211> 472

<212> DNA

<213> *Stenella frontalis*

<400> 92

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caacattaac	acgctttttc	gctttccact	ttatcctccc	gttcattcatc	acagcattag	180
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ccaatataga	cataatccca	ttccaccctt	attatacaat	caaagacatc	ctagggcct	300
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ctgacaatta	taccccagca	aatccactaa	gcaccctgc	acacatcaaa	ccagaatgat	420
actttctatt	cgcatacgca	atcttacgat	caatccctaa	taaacttgga	gg	472

<210> 93

<211> 472

<212> DNA

<213> *Sousa chinensis*

<400>93

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caacattaac	acgctttttc	gctttccact	ttatctttcc	cttcattcatc	acagcattag	180
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ccgataacta	taccccagca	aatccactaa	gcaccctgc	acacatcaaa	ccagaatgat	420
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<210> 94

<211> 472

<212> DNA

<213> *Stenella longirostris*

<400> 94

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caacattaac	acgctttttc	gctttccatt	ttatcctccc	attcatcatc	acagcattag	180

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ctgataacta	taccccagca	aatccactaa	acaccctgc	acacatcaaa	ccagaatgat	420
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<210> 95

<211> 472

<212> DNA

<213> *Tursiops truncatus*

<400> 95

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caacattaac	acgctttttc	gccttccact	ttattcttcc	attcatcatc	acagcattgg	180
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<210> 96

<211> 472

<212> DNA

<213> *Lagenorhynchus alborostris*

<400> 96

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caacactaac	acgctttctc	gctttccact	ttatcctccc	attcatcatc	acagcactag	180
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<210> 97

<211> 472

<212> DNA

<213> *Steno bredanensis*

<400> 97

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ccgacaacta	taccccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatggt	420
atttcctatt	cgcatacgca	atcttacgat	caatccccaa	caaacttgga	gg	472

<210> 98

<211> 472

<212> DNA

<213> *Sotalia fluviatilis*

<400> 98

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tcctttacat	cggcactacc	ttagtagaat	gaatctgagg	cggattctcc	gtagacaaag	120
caacactaac	acgctttttc	gccttccact	ttatcctccc	atttatcatc	acagcattag	180
cagccgttca	cctgctattc	ctacacgaaa	caggatccaa	taatcccaca	ggaatcccat	240
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ccgacaacta	tactccagca	aatccactta	acacccctgc	acacatcaaa	ccagaatgat	420
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<210> 99

<211> 472

<212> DNA

<213> *Delphinapterus leucas*

<400> 99

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caacactaac	acgctttcttc	accttccact	ttatcctccc	attcatcatt	acagcgctag	180
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cagacaatta	caccccagca	aaccacttaa	acacccccgc	acacatcaaa	ccagaatggt	420
acttcctatt	tgcatacaca	atcctacgat	caatccccaa	caaactagga	gg	472

<210> 100

<211> 472

<212> DNA

<213> *Monodon monoceros*

<400> 100

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caacactaac	acgctttcttc	accttccact	ttatcctccc	atttatcatc	acagcactag	180
tggccgtcca	cttattattc	ctacacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
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tcctactaat	cctaattcta	ctagcaataa	ccctactcac	acctgacctc	ctaggagacc	360
ctgacaatta	taccccagca	aaccacttaa	gcacccctgc	acacatcaaa	ccagaatgat	420

atttcctatt tgcatacgca atcctacgat caatccccaa caaactagga gg 472

<210> 101

<211> 472

<212> DNA

<213> Platanista gangetica

<400> 101

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caacactaac	acgattcttt	gccttttcaact	tcattctctcc	tttcatcatc	ctaactactag	180
caattatcca	cctactattc	ctacacgaaa	cagggtcaaa	caaccccaca	ggaattccat	240
cgcacactga	caaaatccct	ttccacccct	actacacaat	caaagacacc	ctaggcgccc	300
tcattccta	cctaacctca	ctcacattaa	ccttattttac	acctgacct	ctaggagacc	360
cgcataacta	caccccagca	aacccgctta	ataccccagc	acatatcaaa	ccagagtgat	420
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<210> 102

<211> 472

<212> DNA

<213> Platanista minor

<400> 102

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tcccttatat	cggcagtacc	ctagtctgagt	gaatctgagg	tggcttttcc	gtagataaag	120
caacactaac	acgattcttt	gccttttcaact	tcattctctcc	tttcatcatc	ctaactactag	180
cagttatcca	cctactattc	ctacacgaaa	cagggtcaaa	caaccccaca	ggaattccat	240
ccaactactga	caaaatccct	ttccacccct	actacacaat	caaagacacc	ctaggcgccc	300
tcattccta	cctaacctca	ctcacattaa	ccttattttac	acctgacct	ctaggagacc	360
cgcataacta	caccccagca	aacccgctta	ataccccagc	acatatcaaa	ccagagtgat	420
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<210> 103

<211> 472

<212> DNA

<213> Kogia breviceps

<400> 103

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ttccttatat	cggcaccacc	ctagttagaat	gagtctgagg	tggctttctcc	gtagacaaag	120
ccacattaac	acgcttcttt	gccttttcaact	tcattctctcc	ctttatcatc	ctagcactgg	180
caatggtcca	cctcttattt	ctccacgaaa	caggatccaa	caaccccata	ggaatcccat	240
cgcacataga	caaaatccca	ttccacccct	actacacaat	caaggacatc	ttaggcgccc	300
tactgcta	ctcagcgcta	cttacattaa	ccctatttgc	accagacct	ttaggagacc	360
ctgacaacta	cacccagca	aacccactaa	gcaccccggc	acacattaaa	ccagaatgat	420
atttcctatt	tgcatacgcc	atcctacgat	ccatccctaa	caaactaggg	gg	472

<210> 104

<211> 472

<212> DNA

<213> *Kogia simus*

<400> 104

tgccttgagg	ccaaatatca	ttctgaggag	caaccgtcat	cacaaacott	atatccgcaa	60
tcccttacat	cggcaccacc	ctagtggagt	gagtctgagg	tggtttctcc	gtggacaaaag	120
ctacgctaac	acgtttcttt	gctttccact	ttattctccc	cttcacatcc	ctagcactag	180
caataatcca	cctcctattt	ctccacgaaa	caggatccaa	caacccccta	ggaattcctt	240
ctgatataga	caaaatccca	ttccacccct	actacacaat	caaagatata	ctaggcgccc	300
tactactaat	ctcagcacta	ctcacactga	ccctgttcgc	acctgatcta	ctaggagacc	360
cgcacaacta	taccccagca	aaccactaa	gcaccccgcc	acacattaaa	ccagaatgat	420
actttctatt	cgcatacgcc	attctacgat	caattcctaa	caaactggga	gg	472

<210> 105

<211> 472

<212> DNA

<213> *Physeter catodon*

<400> 105

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ttccctatat	cggcaccacc	ctagtagagt	gagtttgagg	cggttttctcc	gtagataagg	120
caacactgac	acgtttcttc	actctccact	tcatacctccc	ctttatcacc	ctaacactaa	180
caatagtaca	tctcctattt	ctccatgaaa	caggatccaa	caaccccaca	ggaattccct	240
ccaacataga	caaaatccca	ttccacccct	accacacaat	caaagacacc	ataggtgccc	300
tactactaat	cctatcccta	cttactactaa	ccctgttcgc	acccgacctg	ctaggagatc	360
ctgacaacta	caccccagca	aatccactaa	ataccccaac	acacatcaaa	ccagaatggt	420
atttcctatt	cgcgtacgcc	atcctacgat	ctgtccccaa	taaactagga	gg	472

<210> 106

<211> 472

<212> DNA

<213> *Lipotes vexillifer*

<400> 106

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tcccttacat	cgggaaccacc	ctagtagagt	gagtctgagg	gggattctca	gtagacaaaag	120
caacattaac	cgcgtttcttc	gctctccatt	tcatacctccc	atttattatt	gtagcactaa	180
caaccgtcca	cttactattt	ctccatgaaa	caggatccaa	caacccaata	ggaattccat	240
ctaacataga	caaaatccca	ttccacccct	accacacaat	ttaaagatata	ttaggcgccc	300
ttctattaat	atttggttcta	ctcacactaa	ccttacttgc	accagacctc	ctcggagatc	360
ctgataatta	taccccagca	aaccactaa	acactcccgc	acacatcaaa	ccagaatgat	420
atttcctctt	cgcatacgca	attctacgat	caattcccaa	taaattagga	gg	472

<210> 107

<211> 472

<212> DNA

<213> *Phocoena sinus*

<400> 107

tgccctgggg	acaaatatca	ttttgaggtg	ctaccgtcat	cacaaacctc	ttatcagcaa	60
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caacactaac	acgcttcttc	gccttccatt	ttatccttcc	atttatcatt	acagcactaa	180
taatcgcca	tctactattc	ctccatgaaa	caggctccaa	caatcccaca	ggaatcccg	240
ctaactataga	cataatcccc	ttccaccctt	actatacaat	caaagatata	ctaggcgccc	300
tactattttat	tctaacttta	ctaacactaa	ccttattttt	acctgacctt	ctaggagacc	360
ccgataacta	cattccagca	aacccactaa	gcaccccagc	acacattaaa	ccagaatgat	420
atttcctctt	cgcatacgca	atcctacgat	caatccccaa	taaactagga	gg	472

<210> 108

<211> 472

<212> DNA

<213> *Berardius bairdii*

<400> 108

tgccttgagg	gcaaatatca	ttctgaggtg	caaccgtcat	caccaacctc	ctatccgcta	60
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ccacactaac	acgcttcttt	gccttccact	ttatcctccc	ttttatcatt	ctaaccctag	180
cagccgtcca	cttactattc	ctccacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
ccaatataga	taaaattcca	ttccaccctt	actatacaat	caaagatata	ctaggagccc	300
tactactaat	cctagcccta	ctcacgctaa	ccctatttgc	acccgacctt	ctaggagagc	360
ccgacaacta	taccccgcca	aaccgcgcta	gcaccccac	acatattaag	ccagaatgat	420
acttcctggt	cgcatacgca	atcttacgat	cagtcacctt	taaactaggg	gg	472

<210> 109

<211> 472

<212> DNA

<213> *Ziphius cavirostris*

<400> 109

taccttgagg	acaaatatca	ttctgaggtg	caaccgtcat	cacaaacctc	ttatccgcta	60
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ccacactaac	acgcttcttt	gccttccatt	tcaccttccc	atttattatt	ttagccctag	180
cagccgtcca	cttactattt	ctccacgaaa	caggatctaa	taaccccaca	ggaatcccat	240
ccgatataga	caaaatccca	ttccaccctt	attacacaat	caaagacata	ctaggagccc	300
tactattaat	cgtaattcta	ctcgacttaa	ccctattcgc	acccgacctg	ctaggagacc	360
ccgataacta	taccccagca	aatccactca	gcaccccagc	acacattaa	ccagaatgat	420
acttcctatt	cgcatacgca	atcctacgat	caattcccaa	taaactagga	gg	472

<210> 110

<211> 472

<212> DNA

<213> *Mesoplodon europaeus*

<400> 110

ttccctgagg	acaaatatca	ttctgaggcg	caaccgttat	taccaacctc	ctatccgcca	60
ttccctatat	tggcactact	ctagtcgaat	gaatctgagg	tggcttttcc	gtagataaag	120
ctacactaac	acgcttcttt	gctttccact	ttatccttcc	attcattatt	ctagccctaa	180
caatcgtcca	cttactatth	ctccatgaaa	caggatccaa	taaccctaca	ggaatcccat	240
ctgatataga	caaaatccca	ttccatcctt	actacacaat	caaagatatc	ctaggggctc	300
tactactaat	tctagcccta	ctcaccctaa	ccctattcgc	acccgacctg	ctaggagacc	360
ccgacaatta	caccccagca	aaccactta	atactccagc	acacatcaaa	ccagaatgat	420
atttcttatt	cgcatacgca	attctacgat	caattcccaa	caaactagga	gg	472

<210> 111

<211> 472

<212> DNA

<213> *Mesoplodon bidens*

<400> 111

taccctgagg	acaaatatca	ttctgaggcg	caactgttat	tactaacctc	ctatccgcta	60
ttccctacat	cggcactacc	ctagtgaat	gaatctgagg	tggcttttcc	gtagacaaag	120
ccacattaac	acgcttcttc	gccttccact	ttatcctccc	atttattatt	ttagccctag	180
caatcgtcca	cctactatth	ctccatgaaa	caggatctaa	caaccctaca	ggaattccat	240
ccgacataga	taaaattcca	ttccaccctt	actacacaat	taaagatatc	ctgggagccc	300
tactactaat	tctaacccta	ctcgacttaa	ccctattcgc	acctgacctg	ctaggagacc	360
ccgacaacta	taccccagca	aaccactca	gcaccccagc	ccacatcaaa	ccagagtggg	420
atttcttatt	cgcatacgca	atcttacgat	caattcctaa	taaactagga	gg	472

<210> 112

<211> 472

<212> DNA

<213> *Mesoplodon densirostris*

<400> 112

taccatgagg	acaaatatcc	ttctgagggtg	caactgtcat	taccaatctt	ctatccgcta	60
ttccctatat	tggcaccacc	ctagtcgagt	gaatctgagg	tgggttttcc	gtagacaaag	120
ccacattaac	acgcttcttc	gcttttcaat	tcacccctcc	ctttattatt	ctagccctaa	180
caatgggtcca	cctactatth	ctccatgaaa	caggatctaa	taaccctaca	ggaatcccat	240
ctgacataga	taaaattcca	tttcaccctt	attacacaat	caaagatatt	ttaggagccc	300
tactattaat	tctggcccta	cttataactaa	ccctatttgc	acctgacctg	ctaggagacc	360
ccgataatta	tactccagca	aaccactca	acactccagc	acacatcaaa	ccagagtggg	420
attttctatt	tgcatacgca	atcctacgat	caatccccaa	caaattagga	gg	472

<210> 113

<211> 472

<212> DNA

<213> Hyperoodon ampullatus

<400> 113

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ttccctatat	cggcactacc	ctagttgaat	gaatctgagg	tggtttctcc	gtagacaaag	120
ccacattaac	ccgctttttc	gccctccact	ttatcctccc	attcattatt	ctagccctag	180
caatcgtcca	cctactattc	ctccatgaaa	caggatccaa	caatcccaca	ggaattccat	240
ctgacataga	caaaatcccg	ttccacccat	actacacaat	caaagacact	ctagggggccc	300
tattactaat	cctagtcccta	ctcacattaa	ccctattcgc	acccgaccta	ctaggagacc	360
ctgataacta	taccccagca	aaccctactca	gcactccagc	acacatcaaa	ccagaatggt	420
acttcttatt	tgcatacgca	atcctacgtt	caatccctaa	caaactagga	gg	472

<210> 114

<211> 472

<212> DNA

<213> Hyperoodon ampullatus

<400> 114

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ttccctatat	cggcactacc	ctagttgaat	gaatctgagg	tggtttctcc	gtagacaaag	120
ccacattaac	ccgctttttc	gccctccact	ttatcctccc	attcattatt	ctagccctag	180
caatcgtcca	cctactattc	ctccatgaaa	caggatccaa	caatcccaca	ggaattccat	240
ctgacataga	caaaatcccg	ttccacccat	actacacaat	caaagacact	ctagggggccc	300
tattactaat	cctagtcccta	ctcacattaa	ccctattcgc	acccgaccta	ctaggagacc	360
ctgataacta	taccccagca	aaccctactca	gcactccagc	acacatcaaa	ccagaatggt	420
acttcttatt	tgcatacgca	atcctacgtt	caatccctaa	caaactagga	gg	472

<210> 115

<211> 472

<212> DNA

<213> Mesoplodon peruvianus

<400> 115

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ctacattaac	acgatttttt	gccttccact	ttattctccc	atttattatc	ttagctctaa	180
caattgtcca	tttactattt	ctacacgaaa	caggatctaa	taatcccata	ggaatctctt	240
ctgacataga	caaaattcca	tttcatcctt	actatacaat	taaagatatc	ttaggagccc	300
tattattaat	tatagtcccta	cttataactaa	ccctatttgc	acctgaccta	ttaggagatc	360
ctgacaatta	cactccagca	aaccctactta	gcaccccagc	acatattaaa	ccagaatgat	420
atcttctatt	tgcatatgca	attttacgat	cagtttcctaa	taaactagga	gg	472

<210> 116

<211> 472

<212> DNA

<213> Pontoporia blainvillei

<400> 116

tacctgagg	acaaatgtca	ttctgaggtg	ccactgtcat	actaacctc	ctatcagcga	60
ccccctacat	cggaaactacc	cttgtagaat	ggatctgagg	tggtttctct	gtagacaaag	120
caacactaac	gcgattcttc	gctttccatt	ttatccttcc	attcattatt	acagccctag	180
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ctaacataga	tgccatccca	tttcacccct	actacacaat	taaagatatc	ctagggggccc	300
tattaataat	cctaacaata	ctcacgctga	ctctattcac	ccctgacctc	ttaggagacc	360
cagacaacta	tatcccagca	aaccccatga	ataccccaga	gcacattaaa	ccagaatggt	420
atttcctatt	tgcctacgcc	atcctacgat	caattcccaa	taaactggga	gg	472

<210> 117

<211> 472

<212> DNA

<213> Hippopotamus amphibius

<400> 117

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ccacccttac	acgattcttt	gccttccact	ttattcttcc	attcgttatc	acagcactag	180
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tactcctaata	aacaacacta	ctcacactaa	ccttatttgc	cccagacctc	ctagggggacc	360
cagacaacta	cacccccgca	aacccccctta	gcacaccacc	acacattaaa	ccagaatgat	420
atttcctggt	cgcgtacgcg	attctccgat	caatccccaa	caaactagga	gg	472

<210> 118

<211> 472

<212> DNA

<213> Hexaprotodon liberiensis

<400> 118

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ccacccttac	acgattcttt	gccttccact	ttattcttcc	attcatcatc	atagcactag	180
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tacttctaata	aacaataacta	ctcacactaa	ccttatttgc	cccagacctc	ctagggggacc	360
cagacaacta	cacccccgca	aacccccctta	gcacaccacc	acacatcaaa	ccagaatgat	420
atttcctggt	cgcatacgca	attctccgat	caatccctaa	caaactggga	gg	472

<210> 119

<211> 472

<212> DNA

<213> Rhinoceros sondaicus

<400> 119

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ctacccttac	cogattcttt	gccttccact	tcatactccc	ctttattatc	ctagctctag	180
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ctaacacaga	caaaattcca	tttcaccctt	actacacaat	caaagacatc	ctaggagccc	300
tgctttcta	tatagtatta	ctcaccctag	tcctattctc	ccctgacatc	ctaggggacc	360
cagacaacta	catcccagcc	aaccctctca	gcacccctcc	acatatcaaa	ccagaatggt	420
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<210> 120

<211> 472

<212> DNA

<213> Ceratotherium simum

<400> 120

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tcccttacat	cggcaccaac	ctcgtagaat	gaatctgagg	aggattttcc	gttgacaaaag	120
ccacacttac	acgattcttc	gcctttcact	ttatcctccc	ctttattatc	atagccctag	180
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ctgacaacta	cacccctgcc	aatcctctca	gcactccccc	acatatcaaa	ccagaatgat	420
actttctatt	tgcttacgca	atcctacgat	ccatccctaa	caaactaggc	gg	472

<210> 121

<211> 472

<212> DNA

<213> Dicerorhinus sumatrensis

<400> 121

taccatgagg	tcaaatatcc	ttctgaggag	ccacagttat	cacaaatctc	ctctcagcca	60
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ccaccctcac	coggttcttt	gctttccact	tcatactccc	cttcacatc	ctagccctag	180
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ctaacataga	caaaatccca	tttcacccat	actatacaat	caaagacatc	ctaggagccc	300
tactttcta	cctagcccta	ctcaccctag	ttctattctc	gcctgacctc	ctaggagacc	360
cggacaacta	cacacccgcc	aaccctctca	gcacccctcc	acacattaaa	ccagaatggt	420
acttcctatt	cgcctacgca	atcctacgat	ccatccccaa	taaactaggc	gg	472

<210> 122

<211> 472

<212> DNA

<213> Equus asinus

<400> 122

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ctgacataga	caaaatccca	ttccaccogt	actacacaat	taaagacatc	ctaggacttc	300
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cagacaacta	caccccagct	aacccctca	gcactcccc	tcatattaag	ccagaatggt	420
atttcctatt	tgcttacgcc	atcctacgct	ccattcccaa	caaactaggt	gg	472

<210> 123

<211> 472

<212> DNA

<213> Babyrousa babyrusa

<400> 123

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caaccctcac	acgattcttt	gctttccact	ttattctacc	cttcatcatc	accgctctcg	180
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tactcataat	tatagctctt	ctaatacctag	tactattctc	accagatcta	ctaggagacc	360
cggacaacta	tactccagca	aaccactaa	atacaccacc	ccacattaag	ccagaatgat	420
acttcctatt	tgcttacgcc	atcctacgct	caatcccaa	caaattaggt	gg	472

<210> 124

<211> 472

<212> DNA

<213> Phacochoerus africanus

<400> 124

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caactctcac	acgattcttt	gccttccact	tcattttacc	ttttatcatc	gctgccctag	180
caaccgtaca	tctcttggtc	ctacacgaaa	ctggatctaa	caaccctact	ggaatctcat	240
cagacataga	caaaatccca	ttccaccctt	actacaccat	taaagatatc	ctaggagccc	300
tattcataat	actaatcctg	ctaatacctag	tattattctc	cccagaccta	ctaggagacc	360
cagacaacta	taccccagca	aaccattaa	acacaccacc	ccacatcaaa	ccagaatgat	420
acttcctatt	cgcctacgcc	atcctacgtt	caatccctaa	taaattaggt	gg	472

<210> 125

<211> 472

<212> DNA

<213> Sus scrofa haplotype EWB3

<400> 125

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caaccctcac	acgattcttc	gccttccact	ttatcctgcc	attcatcatt	accgccctcg	180
cagccgtaca	tctcctattc	ctgcacgaaa	ccggatccaa	taaccctacc	ggaatctcat	240

cagacataga	caaaattcca	tttcacccat	actacactat	taaagacatt	ctaggagcct	300
tatttataat	actaatccta	ctaataccttg	tactattctc	accagaccta	ctaggagacc	360
cagacaacta	caccccagca	aaccactaa	acaccccacc	ccatattaaa	ccagaatgat	420
atttcttatt	cgcctacgct	attctacggt	caattccctaa	taaactaggt	gg	472

<210> 126

<211> 472

<212> DNA

<213> *Sus barbatus*

<400> 126

tgccctgagg	acaaatatca	ttctgaggag	ctacgggtcat	cacaaatcta	ctatcagcta	60
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caacccttac	acgattcttc	gcctttcact	ttatcctgcc	cttcgtcatt	accgccctcg	180
cagccgtaca	tctcctattc	ctacacgaaa	ccggatccaa	taaccccacc	ggaatttcat	240
cagacataga	caaaattcca	tttcacccat	actacactat	caaagacatt	ctaggagcct	300
tatttataat	actaatccta	ctaataccttg	tactattctc	accagaccta	ctaggagacc	360
cagacaacta	caccccagca	aaccactaa	acaccccacc	ccatattaaa	ccagaatgat	420
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<210> 127

<211> 472

<212> DNA

<213> *Lama glama*

<400> 127

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ccacccttac	acgattcttc	gccttccact	ttatcttacc	ttttgtcatt	gcagctctag	180
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cggatataga	caaaatcccc	ttccatccct	actatacaat	tacaaatcta	ctaggagcac	300
tactacttat	tctaacccta	cttctactcg	tactattctc	accagaccta	ctaggagacc	360
ccgacaacta	tactcccgct	aacccctca	acacaccgcc	ccatattaaa	ccagaatgat	420
atttcttatt	tgcatacgcc	atcctacgat	ccatccctaa	taaattaggc	gg	472

<210> 128

<211> 472

<212> DNA

<213> *lama guanicoe*

<400> 128

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ccacccttac	acgattcttc	gccttccact	ttatcttacc	ttttgtcatt	gcagctctag	180
caggagtaca	tctactatct	ttacacgaaa	caggctccaa	caatccaaca	ggaatttctt	240
cggatataga	caaaatcccc	ttccatccct	actatacaat	tacaaaccta	ctaggagtac	300
tactacttat	tctgacccta	cttctactcg	tactattctc	accagaccta	ctaggagacc	360

ccgacaacta	tactcccgct	aacccccctca	acacaccgcc	tcatattaaa	ccagaatgat	420
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<210> 129

<211> 472

<212> DNA

<213> Vicugna vicugna

<400> 129

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ccacccttaa	ccgattcttc	gcctttcact	ttatcttacc	tttcatcatt	gcagctctag	180
cgggagtaca	tctactatth	ttacacgaaa	caggctccaa	caacccaaca	ggaatttctt	240
cagatataga	caaaattccc	ttccatccct	actacacaat	taaagacatt	ttaggagcac	300
tactacttat	tctgattcta	ctcctactcg	tactattctc	accagactta	ctaggagacc	360
cggacaacta	taccccgcgt	aacccccctta	acacaccacc	ccacattaaa	ccagaatgat	420
atttcctatt	tgcatatgct	attctacgat	cgatccccaa	taaattaggc	gg	472

<210> 130

<211> 472

<212> DNA

<213> Camelus bactrianus

<400> 130

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ccaccctcac	acgattcttt	gccttccact	tcattctgcc	atttattatc	acggccctag	180
tagccgtaca	cctattattc	ctacacgaaa	caggctctaa	taacccgaca	ggaatctcct	240
cagacataga	caaaatccca	ttccaccctc	actacacaat	taaagacatc	ctaggagcac	300
tgctactaat	attaattctc	cttattctcg	tactgtttct	accagactta	ttaggagacc	360
ctgacaacta	tactcccgcgt	aacccccctca	atacaccacc	acacattaag	ccggaatgat	420
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<210> 131

<211> 472

<212> DNA

<213> Arctocephalus forsteri

<400> 131

ttccatgagg	acaaatatca	ttctgaggag	cgaccgtcat	taccaacctc	ctatcagcag	60
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caaccctaac	acgattcttc	gcctttcact	tcattctccc	cttcgtagca	tcagcactag	180
taatagtaca	tctgctattc	ctacatgaaa	caggatccaa	taacccatca	ggagtctcct	240
ctgactcaga	caaaatccca	ttccaccctc	attatacaat	taaagatatc	ctgggagccc	300
tcctactaat	cttgattcta	atattactag	taatatthtc	accagatctg	ctgggagacc	360
cagacaacta	caccccagcc	aacccccctca	gcactccacc	acatattaaa	cctgaatgat	420
atthttctatt	cgtttacgcc	atthttacgat	ctatccccaa	caaactagga	gg	472

<210> 132

<211> 472

<212> DNA

<213> *Arctocephalus gazella*

<400> 132

ttccatgagg	acagatatca	ttctgaggag	caaccgtcat	taccaacctc	ctgtcagcaa	60
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caaccctaac	acgattcttc	gcctttcaat	ttattcttcc	cttcgtagta	tcagcactag	180
taatagtaca	cctactattc	ctacacgaaa	caggatccaa	caaccatca	ggagtctcct	240
ctgactcgga	caaaattcca	ttccacccat	attatacaat	taaagatatc	ctgggagccc	300
tcttactaat	cttaattcta	atattactag	taatatatttc	accagatctg	ctaggagacc	360
cagacaacta	catcccagcc	aacccccctca	gtactccacc	acatatcaaa	cctgaatggt	420
attttctatt	cgcctatgcc	attttacgat	ctatccccaa	caaactagga	gg	472

<210> 133

<211> 472

<212> DNA

<213> *Eumetopias jubatus*

<400> 133

ttcogtgagg	acaaatatca	ttctgaggag	caaccgtcat	taccaacctc	ctatcagcta	60
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caaccctaac	acgattcttc	gcctttcaat	ttattctccc	cttcgtagca	tcagcactag	180
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ccaactcaga	caaaattcca	ttccatccat	attacacaat	taaagatatc	ctgggaaccc	300
tcttactaat	cttaattcta	atactactag	taatatatttc	accgacctg	ctgggagacc	360
cagacaacta	catcccagcc	aacccccctca	gcactccacc	acatatataa	cccgaatgat	420
atttcctatt	cgcctatgct	attttacgat	ccatccccaa	caaattaggg	gg	472

<210> 134

<211> 472

<212> DNA

<213> *Zalophus californianus*

<400> 134

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caaccctaac	acgattcttt	gcctttcaat	ttattctccc	cttcatagca	tcagcactag	180
taatagtaca	cctattattc	ctacacgaaa	ctgggtccaa	caaccatca	ggaatctcct	240
ctgactcaga	caaaattcca	ttccacccat	attacacaat	taaagatatc	ctagggaaccc	300
tcttactaat	cttaacccta	atactactag	taatatatttc	accggacctg	ctgggagacc	360
cagacaacta	tattccagcc	aacccccctca	gcactccacc	acatatataa	cctgagtgat	420
atttcctatt	cgcctatgct	attttacgat	ccatccccaa	caaattaggg	gg	472

<210> 135

<211> 472

<212> DNA

<213> *Odobenus rosmarus*

<400> 135

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ttccctatgt	agggactgac	ttggtcgaat	gagtctgagg	ggggttttca	gttgataaag	120
caaccctaac	acgattcctc	gccctccact	tcgttcttcc	attcatggca	ttagcactaa	180
cagcagtaca	cctactattt	ctccacgaaa	caggatctaa	caacccttcg	ggaatcctat	240
ctgactcaga	caaaatccca	tttcacccgt	actacacaat	taaagatatc	ctagggctca	300
tcatttcta	cctaataccta	atactactag	tactattctc	accagattta	ctgggagacc	360
cggacaatta	caccccagcc	aaccctctca	gcaccccacc	ccatatcaaa	cccgaatgat	420
atttcctatt	cgcctacgct	atcctccgat	ctattcccaa	caaactcggg	gg	472

<210> 136

<211> 472

<212> DNA

<213> *Phoca vitulina*

<400> 136

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tcccctatgt	cggaaccgac	cttgatcaat	gaatctgagg	agggttttca	gtagataaag	120
caaccctaac	acgatttttc	gccttccact	tcattcctgcc	attcgtagta	tcagccctag	180
cagcagtcca	cctactattc	ctacacgaaa	caggatcaaa	caaccctcc	ggaatcatat	240
ccaactcaga	caaaatccca	ttccacccgt	actatacaat	taaagatatc	ctagggggccc	300
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cggacaacta	tatccctgcc	aatcccctaa	gcaccccacc	acatatcaaa	cctgaatggt	420
acttcctatt	tgccctacgca	atcttacgat	ccatccccaa	caaactagga	gg	472

<210> 137

<211> 472

<212> DNA

<213> *Phoca fasciata*

<400> 137

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ttccctatat	cggaaccgac	ctagtacaat	gaatctgagg	aggattttca	gttgataaag	120
caaccctaac	acgatttttc	gccttccact	ttatcctacc	atttgtagta	tcagcactag	180
cggcagttca	cctactattc	ctacacgaaa	caggatccaa	caaccctcc	ggaatcgtat	240
cggactcaga	caaaatccca	ttccacccat	actatacaat	taaagatatc	ctaggagccc	300
tactcctcat	cctagtcccta	atactactag	tactatttctc	acccgacctc	ctaggagacc	360
cggacaacta	cacccctgcc	aaccccctaa	gcaccccacc	acatatcaag	cccgaatgat	420
actttctatt	tgccctacgca	atcctacgat	caatccccaa	caaactagga	gg	472

<210> 138

<211> 472

<212> DNA

<213> *Phoca groenlandica*

<400> 138

taccatgagg	gcaaatgtca	ttctgaggag	caacagttat	cactaatcta	ctatcagcaa	60
tcccctacat	cggaaaccgat	ctagtacaat	gaatctgagg	agggttctca	gttgataaag	120
caaccctaac	acgatttttc	gccttccact	tcattcttacc	attcgtagta	ttagcactag	180
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ccgactcaga	caaaatccccg	ctccacccat	attatacaat	taaagatatc	ctaggagccc	300
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ccgacaacta	catccctgcc	aatcccctaa	gtaccccacc	acatatcaag	cccgaatgat	420
actttttatt	tgcttacgca	atcctacgat	caattcccaa	caaactagga	gg	472

<210> 139

<211> 472

<212> DNA

<213> *Cystophora cristata*

<400> 139

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caactctaac	acggtttttc	gccttccact	tcattcctacc	attcgtcgta	tcagcactag	180
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tactcctcat	cctagtctta	acactactag	tgctattctc	acccgatctg	ctaggagacc	360
ccgacaacta	tacccctgcc	aaccccctaa	gtaccccacc	acatatataa	cctgaatgat	420
acttcctatt	cgcctatgca	atcctacgat	ctatccccaa	caaactagga	gg	472

<210> 140

<211> 472

<212> DNA

<213> *Hydrurga leptonyx*

<400> 140

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caaccctaac	acgattcttc	gccttccact	ttatccttcc	cttcgtagta	tcagcactag	180
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ccgacaacta	tattcctgct	aaccccctaa	gcaccccacc	acatatcaaa	cccgaatgat	420
atttcctatt	tgccctacgca	atcctacgat	ccattcccaa	taaactagga	gg	472

<210> 141

<211> 472

<212> DNA

<213> *Leptonychotes weddelli*

<400> 141

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ttccctacat	cggaaactgac	ttagtacaat	gaatctgagg	cggattttca	gttgacaaag	120
caaccctaac	acgattcttc	gccttccact	ttatccttcc	cttcgtagta	tcagcactag	180
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cgcacaacta	tactcccgct	aatcccctaa	gtactccacc	acatatcaaa	cccgaatgat	420
atttcctatt	tgcctacgca	atcctacgat	ccatccctaa	caaactagga	gg	472

<210> 142

<211> 472

<212> DNA

<213> *Mirounga leonina*

<400> 142

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caaccctaac	acgattcttc	gccctccact	ttatcctacc	attcgtagca	ctagcactag	180
cagcagtaca	tctactattc	ctacacgaaa	caggatccaa	caaccctctc	ggaatcccat	240
cgcactcaga	caaaatccca	ttccacccat	actacacaat	caaagatatc	ttagggagccc	300
tactttctat	tctaacccta	atactattag	tggtattctc	acccgactta	ttagggagacc	360
cgcacaacta	cacccctgcc	aatcccctaa	gcaccccacc	acatattaag	cccgaatgat	420
atttcctatt	tgcctacgca	atcctacgat	ctattcccaa	caaactagga	gg	472

<210> 143

<211> 472

<212> DNA

<213> *Erignathus barbatus*

<400> 143

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caaccctaac	acgattcttc	gccttccact	ttatcctacc	atttgtagta	ttagcattag	180
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tactttctat	cctagttctt	atacttctag	tgctattctc	acccgacctc	ctgggagatc	360
cgcacaacta	cactcccgct	aaccccctaa	gcaccccacc	acatattaag	cccgaatgat	420
atttcctatt	cgcctatgca	atcctacgat	ccatccccaa	caaacttgga	gg	472

<210> 144

<211> 472

<212> DNA

<213> *Monachus schauinslandi*

<400> 144

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caaccctaac	acgattcttc	gctttccatt	ttattatacc	cttcatacta	ttagcactag	180
cagcagtcca	tttattattt	ctacacgaaa	caggatccaa	caatccctcc	ggaattccat	240
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ctgacaacta	catccctgcc	aaccctttaa	acactccacc	acacattaaa	cccgaatgat	420
acttcctatt	cgcctacgca	atcctacgat	ctatccccaa	taaactagga	gg	472

<210> 145

<211> 472

<212> DNA

<213> *Helarctos malayanus*

<400> 145

taccctgagg	ccaaatgtcc	ttctgaggag	caactgtcat	taccaatctc	ttatcagcca	60
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cgactctaac	acgattcttt	gccttccact	ttatccttcc	gttcattcat	ttggcactaa	180
cagcgggtcca	cctattattc	ctacacgaaa	caggggtccaa	caatccctct	ggaatcccat	240
ctgactcaga	caaaatccca	tttcacccgt	actatacaat	taaggacatc	ctaggcgccc	300
tacttcttac	cctagcccta	acaaccctag	ttctattctc	gcccgactta	ctaggagacc	360
ctgacaacta	catccccgca	aatccattga	gcaccccacc	ccacatcaaa	cccgaatggt	420
actttctatt	tgcctacgct	atcctacgat	ccatccctaa	taaactagga	gg	472

<210> 146

<211> 472

<212> DNA

<213> *Selenarctos thibetanus*

<400> 146

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caaccctaac	acgattcttt	gctttccact	ttatccttcc	gttcattcat	ctagcactag	180
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tacttctcat	cctagcctta	gcaactctag	tcctattctc	gcccgactta	ctaggagacc	360
ctgataacta	tacccccgca	aaccactga	gcaccccacc	ccacatcaaa	cccgaatgat	420
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<210> 147

<211> 472

<212> DNA

<213> *Ailurus fulgens*

<400> 147

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caactctaac	tcgattcttc	gccttccact	tcattcttcc	atttatcatt	gcaacactag	180
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ccaactcaga	caaaattcca	ttccatccct	attatacaat	taaagatatc	ttgggcgctc	300
tactccttat	cctaattctc	atgacattag	tactattctt	acctgacttg	cttggtgatac	360
ctgataacta	tattcccgct	aaccatttaa	gcacaccacc	ccatattaaa	cctgagtggg	420
atttcctatt	cgcatacgca	attctacgat	ccatcccaaa	caaactagga	gg	472

<210> 148

<211> 472

<212> DNA

<213> *Felis catus*

<400> 148

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ttccatacat	cgggactgaa	ctagtagaat	gaatctgagg	ggggtttctca	gtagacaaaag	120
ccaccctaac	acgattcttt	ggcttccact	tcattcttcc	attcattatc	tcagccttag	180
caggagtaca	cctcttattc	cttcatgaaa	caggatctaa	caaccctca	ggaattacat	240
ccgattcaga	caaaatcca	ttccacccat	actatacaat	caaagacatc	ctaggtcttc	300
tagtactagt	tttaacactc	atactactcg	tcctattttc	accagacctg	ctaggagacc	360
cagacaacta	catcccagcc	aaccctttaa	ataccctcc	ccatattaaa	cctgaatgat	420
acttcctatt	cgcatacgca	attctccgat	ccatccctaa	caaactagga	gg	472

<210> 149

<211> 472

<212> DNA

<213> *Canis familiaris*

<400> 149

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ttccttatat	cgggaactgac	ttagtagaat	ggatctgagg	cggctttctca	gtggacaaaag	120
caaccctaac	acgattcttt	gcattccatt	tcattctccc	tttcatcatc	gcagctctag	180
caatagtaca	cctcctattt	ctacacgaaa	ccggatccaa	caacccttca	ggaatcacat	240
cagactcaga	caaaattcca	tttcacccct	actacacaat	caaggatatac	ctaggagcct	300
tactcctact	cctaataccta	atatcactag	ttttattttc	acctgaccta	ttaggagacc	360
cagataacta	cacccctgca	aaccccttaa	acacccctcc	acatattaaa	cctgagtgat	420
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<210> 150

<211> 472

<212> DNA

<213> *Talpa europaea*

<400> 150

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ttccttacat	cggtacagac	ttagtagaat	gaatttgagg	tgggttctca	gtagacaaag	120
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cagatacgga	taaaattcca	tttcaacctt	attacactat	taaagacatc	ctaggagcac	300
taatccta	tatagctcta	tcattcattag	tattattttc	acctgacctt	ctaggagacc	360
cagacaatta	catcccggca	aaccgcgtaa	acacaccacc	ccatattaaa	cccgaatggt	420
acttcctatt	tgcataatgcc	atcctacgat	caattcctaa	taaattagga	gg	472

<210> 151

<211> 472

<212> DNA

<213> *Glaucomys sabrinus*

<400> 151

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ctaccctaac	ccgatttttt	gcatttcact	ttgtcctccc	ttttattatt	gctgccctag	180
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taatcctcat	cttaatcttc	ataaccctag	ttctcttcac	ccctgatctt	ctaggagacc	360
cagacaacta	taccccagcc	aaccactca	acacccctcc	ccacatcaaa	ccagaatgat	420
actttctatt	tgcataatgcc	attctacgat	ctattccaaa	taaactagga	gg	472

<210> 152

<211> 472

<212> DNA

<213> *Glaucomys volans*

<400> 152

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ttccttatat	tggtagaaca	cttgtagaat	gaatctgagg	gggcttctct	gttgataaag	120
ctaccctaac	ccgattcttt	gcatttcact	tcattcttcc	ttttatcatt	gccgctctag	180
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ctgactcaga	caaaatccca	ttccacctt	acttctcaat	taaagatacc	ctaggattct	300
taatccttat	cttaatcttc	ataaccctag	ttctcttcac	cccggatctt	ctaggagacc	360
cagacaacta	tactccagcc	aaccactca	acggccctcc	ccatatcaag	ccagagtgat	420
actttctatt	tgcgtatgca	attctacgat	ctatcccaaa	taaactagga	gg	472

<210> 153

<211> 472

<212> DNA

<213> *Hylomys phayrei*

<400> 153

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ctaccctaac	ccgattcttc	gcattccact	ttgtgctgcc	ctttattatt	gcagcactag	180
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ccgattcaga	caaaatccca	tttcacccat	actattcaat	taaagatctc	ctaggcgccc	300
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ctgacaacta	cacccccgcc	aaccacacta	acacccctcc	tcatattaaa	ccagaatgat	420
acttttctatt	cgcatacgca	atcctacgat	ctattcccaa	taaattagga	gg	472

<210> 154

<211> 472

<212> DNA

<213> *Petinomys setosus*

<400> 154

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ccgattcaga	caaattccca	tttcacccat	actattcaat	taaagatctc	ctaggggccc	300
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ctgacaacta	cacccccgcc	aaccacacta	acacccctcc	tcatattaaa	ccagaatgat	420
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<210> 155

<211> 472

<212> DNA

<213> *Belomys pearsonii*

<400> 155

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caaccctaac	acgattcttc	gcattccact	ttatcttacc	atttatcgta	gcagcccttg	180
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ctgaatctga	taaagtacca	ttccacccat	acttcacaat	caaagatatt	cttggcgccc	300
taatcttcgg	ccttatattt	acaaccctta	ttctattcgc	ccctgatctc	ctaggagacc	360
ctgacaacta	tactccggcc	aatccactta	acacccctcc	ccacattaaa	ccagaatgat	420
acttttcta	ttattacgca	atccttcgat	ccatccccaa	caaactagga	gg	472

<210> 156

<211> 472

<212> DNA

<213> *Pteromys momonga*

<400> 156

taccctgagg	acaaatatca	ttctgaggcg	ccactgtcat	caccaacctg	ctatccgcca	60
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ctaccctaac	acgattcttt	gcattccact	ttgtcctccc	cttcattatc	gcagccctag	180
caatagtcca	cctacttttt	cttcatgaaa	caggggtccaa	caacccatct	ggacttacct	240
ccgaatccga	caaaatccca	ttccacccct	acttcacaat	taaagacatt	ttaggagcac	300
ttctccttgg	cctcctattc	ataatcttag	tcctctttac	tccagacctc	cttggagacc	360

ccgacaacta	taccccagcc	aacccccctca	acactccccc	tcatatcaaa	ccagagtgat	420
atttcctatt	cgcataatgct	atcttacgat	ctatccctaa	caaactaggc	gg	472

<210> 157

<211> 472

<212> DNA

<213> Galagoides demidoff

<400> 157

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ctacccttac	ccgattcttt	gctttccact	ttatcctccc	atttatcatt	acagcaatag	180
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cagactcaga	caaaatcccc	tttcacccct	attacataat	caaggatctc	ctaggactga	300
ttattctctt	actaactctg	ttctccctag	taatattctc	cccggacctg	ctaggagacc	360
ctgacaacta	caccccagcc	aacccccctaa	acaccccacc	acatatcaaa	ccagagtgat	420
atttcctatt	tgcctacgcc	atcctacgat	ctatccccaa	caaactagga	gg	472

<210> 158

<211> 472

<212> DNA

<213> Perodicticus potto

<400> 158

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ctaccctaac	acgattcttc	gccttccact	tcatcctccc	ctttattatc	acagcactag	180
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cagaatcaga	caaaatcccc	ttccacccct	actacaccac	caaagactta	ctaggagcca	300
tctttcttct	actaatccta	ctcaccctag	tcctattctc	cccagacctc	ttaggagacc	360
ctgacaacta	caccccagcc	aacccccctaa	acaccccacc	acatatcaaa	ccagaatggt	420
actttctatt	cgcctacgcc	atcctacgat	ccatcccaaa	caaactggga	gg	472

<210> 159

<211> 472

<212> DNA

<213> Galago matschiei

<400> 159

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ccacccttac	tgcattcttc	gcttttcact	tcatcctacc	tttcattatt	gcagccctag	180
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tcttcttact	actatgccta	ttctctctag	tactattttc	ccccgatctg	ttaggagacc	360
cagacaattt	taccccgcct	aatcccttaa	acaccccacc	acacatcaaa	ccagaatgat	420
acttcttatt	tgcttatgcc	atccttcgat	caattcccaa	caaactagga	gg	472

<210> 160

<211> 472

<212> DNA

<213> Galago moholi

<400> 160

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ctactcttac	ccgatttttc	gcttttcaact	tcatacctgcc	tttcatcatc	gcggccctag	180
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cagactccga	caaaatcccc	ttccaccctt	actacacaat	taaagaccta	ctaggagcaa	300
tcctcttact	attatcccta	ttctctctag	tactattctc	ccctgacctg	ctgggagacc	360
cagacaatta	tatccctgcc	aacccocctaa	acaccccacc	acatatataa	ccagaatgat	420
acttcttatt	tgcctacgcc	atccttcgat	caatccccaa	caaactagga	gg	472

<210> 161

<211> 472

<212> DNA

<213> Otolemur garnettii

<400> 161

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caaccctcac	ccggtttttt	gctttccact	ttatcctgcc	tttcatcatc	gcagccctag	180
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cagacaacta	cacccttgcc	aacccocctaa	acacaccgcc	ccatatcaaa	cccgaatgat	420
atttcttatt	tgcttatgct	atcttacgat	ccatcccaaa	taaactagga	gg	472

<210> 162

<211> 472

<212> DNA

<213> Loris tardigradus

<400> 162

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caaccctcac	acgattcttc	gcctttcaact	tcataccttcc	attcatcatc	acagcattaa	180
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cagactctga	caaaatccca	tttcacccct	actacacatt	aaaagatatt	ctaggagtaa	300
ttgctctctt	aatcacctta	tcaactctag	ttctattctc	ccctgacctt	ttaggagacc	360
ccgataatta	cacaccagct	aaccctttta	acaccccacc	ccacatcaaa	ccagaatggt	420
atttcttatt	cgcatacgca	atcctacgat	caatccccaa	taaactaggt	gg	472

<210> 163

<211> 472

<212> DNA

<213> Nycticebus coucang

<400> 163

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ccacactcac	acgattcttc	gccttccact	ttatcctccc	cttcacgtc	gctgctctag	180
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cagactcaga	taagattcca	tttcacccct	actactcact	taaagacctc	ctaggagtgg	300
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ccgacaacta	tacccccgcc	aacccttag	tcacccctcc	acatatcaaa	ccagaatgat	420
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<210> 164

<211> 472

<212> DNA

<213> Mus musculus

<400> 164

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ccaccttgac	acgattcttc	gctttccact	tcctcttacc	atttattatc	gcggccctag	180
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cagatgcaga	taaaattcca	tttcacccct	actatacaat	caaagatata	ctaggatatcc	300
taatcatatt	cttaattctc	ataaccctag	tattatTTTT	cccagacata	ctaggagacc	360
cagacaacta	cataccagct	aatccactaa	acacccccacc	ccatattaaa	cccgaatgat	420
atttcctatt	tgcatacgcc	attctacgct	caatccccaa	taaactagga	gg	472

<210> 165

<211> 472

<212> DNA

<213> Gorilla gorilla

<400> 165

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tcctctttct	cctgaccttg	ataacattaa	cactattctc	accagacctc	ctaggagacc	360
cagacaacta	caccttagcc	aacccccctaa	gcacccccacc	ccacatcaaa	cccgaatgat	420
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<210> 166

<211> 472

<212> DNA

<213> Homo sapiens sapiens

<400> 166

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cagacaatta	taccctagcc	aaccccttaa	acacccctcc	ccacatcaag	cccgaatgat	420
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<210> 167

<211> 472

<212> DNA

<213> Dugong dugong

<400> 167

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cagacaacta	cacaccagcc	aaccctactaa	acacccctcc	ccacattaaa	ccagaatgat	420
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<210> 168

<211> 472

<212> DNA

<213> Elephas maximus

<400> 168

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ctgacaacta	cataccagct	gatccactaa	atactcccct	acacatcaaa	ccagagtgat	420
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<210> 169

<211> 472

<212> DNA

<213> Afropavo congensis

<400> 169

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cagaaaactt	caccccagca	aaccctctag	taactcccc	acacattaaa	ccagaatggt	420
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<211> 472

<212> DNA

<213> Pavo muticus

<400> 170

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caaccctcac	cggattcttc	gccctacact	ttctcctccc	ctttgtaata	gcaggaatta	180
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cagaaaactt	taccccagca	aaccccttag	taacccccc	gcacattaaa	ccagaatgat	420
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<210> 171

<211> 472

<212> DNA

<213> Tragopan blythii

<400> 171

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caaccctcac	tggattcttc	gccctacact	tcctcctccc	atttgtaata	gcaggaatta	180
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<210> 172

<211> 472

<212> DNA

<213> Tragopan satyra

<400> 172

tcccatgagg	acaaatatca	ttttgagggg	ctaccgtcat	tacaaattta	ttctcagcaa	60
tcccatacat	tgggtcaaacc	ctagtagaat	gagcgtgagg	cggcttttca	gttgacaatc	120
caaccctcac	ccgattcttc	gccctacact	tcctcctccc	atttgtaatc	gcaggaatta	180
ctatcataca	cctcatcttc	ttacatgaat	caggctctaa	taaccctactg	ggcatctcat	240
ccaactctga	caaaatccca	tttcatccat	actactccct	caaggatatac	ctaggcctaa	300
cactcatgct	cacccccctc	ctcacactag	ccttatttctc	accaaacccta	ctaggtgatc	360
cagaaaactt	caccccagca	aaccctactag	taaccctctc	ccatattaaa	ccagaatgat	420
acttcctatt	cgcctacgcc	atcctacgct	caatcccaaa	caaacttgga	gg	472

<210> 173

<211> 472

<212> DNA

<213> *Tragopan caboti*

<400> 173

tcccatgagg	acaaatatca	ttttgaggag	ctaccgtcat	cacaaattta	tttctcagcaa	60
tcccatacat	tggccaaact	ctagtagaat	gggcctgagg	gggcttttca	gttgacaatc	120
caacccttac	ccgattcttt	gccctacact	tcctcctccc	atttgtaatc	gcaggaatca	180
ccatcatcca	cctcatcttc	ctacatgaat	caggctctaa	caaccctctg	ggcatctcat	240
ctgactctga	caaaatccca	ttccacccgt	actactccct	caaagatatac	ctgggcctaa	300
cactcatact	cactcctctc	ctcacactag	ccttatttctc	accaaacccta	ctaggtgacc	360
cagaaaactt	caccccagca	aaccctattgg	taactcctcc	ccatatcaag	ccagaatggt	420
atttcctggt	cgtttatgcc	atcctacgct	caatcccaaa	caaactcgga	gg	472

<210> 174

<211> 472

<212> DNA

<213> *Tragopan temminckii*

<400> 174

tcccatgagg	acaaatatca	ttttgagggg	ctaccgtcat	cacaaattta	ttctcagcaa	60
tcccatacat	tggccaaacc	ctagtagaat	gagcctgagg	gggcttttca	gttgacaatc	120
caacccttac	ccgattcttt	gccctacact	tcctcctccc	atttgtaatc	gcaggaatta	180
ccatcatcca	cctcatcttc	ctacatgaat	caggctcaaa	caaccctcta	ggcatctcat	240
ctaactctga	caaaatccca	ttccacccgt	actactccct	caaagatatac	ctaggcctaa	300
cactcatact	cactcccctc	ctcacactag	ccttatttctc	accaaacccta	ctaggtgatc	360
cagaaaactt	caccccagca	aaccctactag	taactcctcc	ccatatcaaa	ccagaatgat	420
atcttctggt	cgtttatgcc	atcctgcgct	caattccaaa	caaactcgga	gg	472

<210> 175

<211> 472

<212> DNA

<213> *Argusianus argus*

<400> 175

tcccatgagg	acaaatatca	ttttgaggag	ctaccgtcat	cacaaaccta	ttctcagcaa	60
tcccttatat	tggacaaacc	ctagtagagt	gagcctgagg	aggattttca	gtcgacaacc	120
ccacccttac	cggattcttt	gctctacatt	tcctcctacc	cttcgtaatc	gcaggaatca	180
ccatcatcca	cctcacattc	ctacacgaat	cagggtcaaa	caacccta	ggcatctcat	240
ctaactctga	caaaatccca	ttccacccat	actactccct	caaagacatc	ctaggcctaa	300
cactcatact	cgtccattc	cttacctaa	ccctattcta	cccaaaccta	ctaggtgacc	360
cagaaaactt	caccccagca	aaccattag	taactccacc	ccacatcaag	ccagaatgat	420
acttcctatt	cgctatgcc	atcctacgct	caatcccaaa	caaactagga	gg	472

<210> 176

<211> 472

<212> DNA

<213> *Catreus wallichi*

<400> 176

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tcccttacat	cggacagacc	ctagtagaat	gagcctgagg	aggatttctca	gttgacaatc	120
caactctcac	cggattcttc	gccctgcact	tcctccttcc	cttcgtaatt	gcaggaatca	180
ccatcaccca	tctcatattc	ctacatgaat	cagggtcaaa	taaccctcta	ggcatctcat	240
ctaactccga	caaaatccca	ttccacccat	actactccct	caaagatata	ctaggcctag	300
cacttatatt	caccccattc	ctaactactag	ccctattctc	accaaattctt	ctgggcgacc	360
cagaaaactt	caccccagca	aatccattag	taaccctacc	acacattaaa	ccagaatggt	420
acttcctatt	tgcctacgct	atcctacgct	caatcccaaa	taaactcgga	gg	472

<210> 177

<211> 472

<212> DNA

<213> *Crossoptilon crossoptilon*

<400> 177

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caaccctcac	cggattcttc	gccctacact	tcctcctccc	cttcgtaatt	gcaggaatta	180
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cacttatact	caccccattc	ctaactactag	ccctattctc	acctaaccctt	ctgggcgacc	360
cagagaactt	caccccagca	aaccactag	taaccccccc	tcacattaaa	ccagaatgat	420
acttcctatt	tgcctatgct	atcctgcgct	caatcccaaa	taaactcgga	gg	472

<210> 178

<211> 472

<212> DNA

<213> *Syrmaticus reevesi*

<400> 178

tcccatgagg	acaaatatca	ttttgagggg	caaccgtcat	cacaaattta	ttctcagcaa	60
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tcccctacat	cggacaaacc	ctagtagagt	gggcctgagg	aggatttctca	gttgacaacc	120
caaccctcac	cogattcttc	gcccttcact	ttctcctacc	cttcgtaatc	acaggaatca	180
ccatcacaca	tcttatgttc	ctacacgaat	caggctcaaa	caacccta	ggcatttcat	240
ctaactctga	caaaatcccc	tttcacccat	actactctct	caaagatata	ctaggcctag	300
cacttatact	caccccattc	ctcacactag	ccctattctc	acctaacctg	ctaggcgacc	360
cagaaaactt	caccccagca	aaccactag	taaccctcc	tcacattaaa	ccagaatgat	420
acttcctatt	tgcctacgcc	atcctacgct	caatcccaaa	caaactgggg	gg	472

<210> 179

<211> 472

<212> DNA

<213> *Bambusicola thoracica*

<400> 179

tcccatgggg	ccaaatatcc	ttttgagggg	ctaccgtcat	cacaaattta	ttctcagcaa	60
ttccctacat	cggacaaacc	ctagtagaat	gagcctgggg	gggatttctca	gtagacaacc	120
caactctcac	cogattcttc	gccttacact	tcctactccc	cttcgtaatc	gcaggaatta	180
ccattatcca	cctcacattc	ttacacgaat	caggatcaaa	caacccta	ggcatctcat	240
ctaactccga	caaaatccca	ttccacccat	actactcctt	taaagacatt	ctcggcctag	300
cccttatatt	catcccattc	ctgacactag	ccctattctc	ccctaacctc	ctaggagacc	360
cagaaaactt	caccccagca	aaccactag	taaccctcc	acacatcaaa	ccagagtggg	420
acttcctatt	cgcgtatgct	atcgtacgat	caatcccaa	caaactcgga	gg	472

<210> 180

<211> 472

<212> DNA

<213> *Francolinus francolinus*

<400> 180

tcccatgagg	ccaaatatca	ttctgagggg	ctaccgtcat	tacgaaccta	ttctcagcaa	60
ttccctacat	tggacaaacc	ttagtagagt	gagcctgagg	gggatttctca	gtagataaacc	120
caaccctcac	cogattcttc	gccctacact	tccttctccc	cttcgtaatt	gcaggaatca	180
ctatcatcca	cctcacattt	ctgcacgaat	caggctcaaa	caacccta	ggcatctcat	240
ctgactctga	caaaatccca	ttccacccat	actacacctt	caaagacatc	ctaggcctaa	300
cccttatatt	catccctctc	cttacactag	ccctattctc	ccccaacctc	ctaggcgacc	360
ccgaaaactt	caccccagca	aaccactag	taactcctcc	ccacatcaaa	ccagaatgat	420
acttcctatt	tgcctacgcc	atcctacgct	caatcccaa	caaactcgga	gg	472

<210> 181

<211> 472

<212> DNA

<213> *Ithaginis cruentus*

<400> 181

taccatgagg	acaaatatca	ttctgaggag	ccactgtaat	cacaaaccta	ctctcagcaa	60
ttccctacat	cggccaaact	ctggtagaat	gagcttgagg	aggattttca	gtagacaacc	120
caaccctcac	cogattcttc	gccctacact	ttctcctccc	cttcgcaatc	gcaggaatta	180

ctgtcatcca	ccttacactc	ctccacgaat	caggttcaaa	taaccacta	ggcatctcat	240
ctaactctga	caaaatccca	tttcacccat	actactccct	caaagacatc	ctaggcctag	300
cacttatact	catccccttt	cttacactag	tcctattttc	ccccaacctc	ctaggagatc	360
cagaaaactt	tagtccagca	aaccccctag	taaccccacc	ccatattaaa	ccagaatgat	420
atttcctatt	tgcctacgct	attctacgct	caatccccaa	taaacttgga	gg	472

<210> 182

<211> 472

<212> DNA

<213> *Anthropoides paradisea*

<400> 182

taccatgagg	acaaatgtca	ttttgagggg	ctacagtcac	caccaatctc	ttctcagccg	60
tcccatatat	cggccaaacc	cttgtagaat	gagcttgagg	gggtttctca	gtagacaatc	120
ccacattaac	tcgattcttc	actttacact	tcctccttcc	attcataati	atgggcctca	180
ccctaatacca	cctcaccttc	cttcacgagt	ccggctcaaa	caacccccta	ggcattgtat	240
caaactgcga	taaaatccca	ttccacccct	atttttcctt	aaaagatatc	ctaggattca	300
tactcatact	actcccactc	ataaccctag	ctctattctc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccctag	tcacacctcc	ccatatcaaa	ccagaatgat	420
atttcttatt	tgcgtatgcc	atcctacgtt	caattccaaa	caaactagga	gg	472

<210> 183

<211> 472

<212> DNA

<213> *Anthropoides virgo*

<400> 183

taccatgggg	acaaatgtca	ttttgagggg	ctacagttat	caccaatctc	ttctcagccg	60
tcccatacat	cggccaaacc	cttgtagaat	gagcttgagg	gggtttttca	gtagataatc	120
ccacattaac	tcgattcttc	acgttacact	tcctccttcc	attcataati	atgggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	ccggctcaaa	caacccccta	ggcatcgtat	240
caaactgcga	taaaatccca	ttccacccct	atttttcctt	aaaagatatc	ctaggattca	300
tactcatact	actcccactc	ataaccctag	ctctattctc	accaaactta	ctaggagacc	360
cagaaaactt	ccccccagca	aatcccctag	tcacacctcc	ctatattaaa	ccagaatgat	420
atttcttatt	tgcatacgcc	atcctacgtt	caattccaaa	caaactagga	gg	472

<210> 184

<211> 472

<212> DNA

<213> *Grus antigone antigone*

<400> 184

taccatgagg	acaaatatca	ttttgagggg	ctacagtcac	caccaatctc	ttctcagccg	60
tcccatacat	cggccaaacc	cttgtagaat	gagcttgagg	gggtttctca	gtagacaatc	120
ccacattaac	tcgattcttc	actttacact	tcctccttcc	attcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	ccggctcaaa	caacccccta	ggcatcgtat	240
caaactgcga	taaaatccca	ttccacccct	acttttcctt	aaaagatatc	ctaggattca	300

cactcatact	acttccactc	ataaccctag	ccctattctc	accaaacta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccctag	tcacacctcc	tcatatcaag	ccagaatgat	420
actttttatt	tgcatacgcc	atcctacgtt	caatcccaaa	caaactagga	gg	472

<210> 185

<211> 472

<212> DNA

<213> *Grus antigone gillae*

<400> 185

taccatgagg	acaaatatca	ttttgagggg	ctacagtcac	caccaatctc	ttctcagccg	60
tcccctacat	cggccaaacc	cttgtagaat	gagcttgagg	gggctttctca	gtagacaatc	120
ccacattaac	tcgattcttc	actttacact	tcctccttcc	attcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	ccggctcaaa	caacccccta	ggcatcgat	240
caaactgcga	taaaatccca	ttccacccct	acttttcctt	aaaagatatc	ctaggattca	300
cactcatact	acttccactc	ataaccctag	ccctattctc	accaaacta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccctag	tcacacctcc	tcatatcaag	ccagaatgat	420
actttttatt	tgcatacgcc	atcctacgtt	caatcccaaa	caaactagga	gg	472

<210> 186

<211> 472

<212> DNA

<213> *Grus antigone sharpei*

<400> 186

taccatgagg	acaaatatca	ttttgagggg	ctacagtcac	caccaatctc	ttctcagccg	60
tcccctacgg	cggccaaacc	cttgtagaat	gagcttgagg	gggctttctca	gtagacaatc	120
ccacattaac	tcgattcttc	actttacact	tcctccttcc	cttcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	ccggttcaaa	caacccccta	ggcatcgat	240
caaactgcga	taaaatccca	ttccacccct	acttttcctt	aaaagatatc	ctaggattca	300
cactcatact	acttccactc	ataaccctag	ccctattctc	accaaacta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccctag	tcacacctcc	ccatatcaag	ccagaatgat	420
actttttatt	tgcatacgcc	atcctacgtt	caatcccaaa	caaactagga	gg	472

<210> 187

<211> 472

<212> DNA

<213> *Grus leucogeranus*

<400> 187

taccatgagg	acaaatatca	ttttgagggg	ctacagtcac	caccaatctc	ttctcagccg	60
tcccctacat	cggccaaacc	cttgtagaat	gagcttgagg	gggctttctca	gtagacaacc	120
ccacattaac	tcgattcttc	actttacact	tcctccttcc	attcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	ccggctcaaa	caacccccta	ggcatcgat	240
caaactgcga	taaaatccca	ttccacccct	acttttcctt	aaaagatatc	ctagggttca	300
tactcatact	acttccactc	ataaccttag	ccctattctc	accaaactta	ctaggagacc	360
cagaaaactt	cactccagca	aaccccctag	taacaccccc	acatatataa	ccagaatgat	420

acttcctatt tgcatacgcc atccgacgtt caatcccaaa caaactagga gg 472

<210> 188

<211> 472

<212> DNA

<213> Grus canadensis pratensis

<400> 188

tgccatgagg	acaaatatca	ttctgagggg	ctacagtcac	taccaacctc	ttctcagccg	60
tcccatacat	cggccaaacc	ctcgtagaat	gggcttgagg	gggctttctca	gtagacaatc	120
ccacattaac	ccgattcttc	actttacact	tctctctccc	attcataatt	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	ccggctcaaa	caacccccta	ggcattgtat	240
caaactgcga	taaaatccca	ttccacccct	atTTTTcctt	aaaagatatc	ctagggttca	300
tactcatact	acttccactc	ataaccctag	ctctatTTTc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	gaccccttag	tcacacctcc	ccatatcaaa	ccagaatgat	420
actTTTTtatt	tgcctacgcc	atcttacgct	caatcccaaa	caaactagga	gg	472

<210> 189

<211> 472

<212> DNA

<213> Grus canadensis rowani

<400> 189

tgccatgagg	acaaatatca	ttctgagggg	ctacagtcac	taccaacctc	ttctcagccg	60
tcccatacat	cggccaaacc	ctcgtagaat	gggcttgagg	gggctttctca	gtagacaatc	120
ccacattaac	ccgattcttc	actttacact	tctctctccc	attcataatt	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	ccggctcaaa	caatccccta	ggcattgtat	240
caaactgcga	taaaatccca	ttccacccct	atTTTTcctt	aaaagatatc	ctagggttca	300
tactcatact	acttccactc	ataaccctag	ctctatTTTc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccttag	tcacacctcc	ccatatcaaa	ccagaatgat	420
actTTTTtatt	tgcctacgcc	atcttacgct	caatcccaaa	caaactagga	gg	472

<210> 190

<211> 472

<212> DNA

<213> Grus canadensis tabida

<400> 190

taccatgagg	acaaatatca	ttctgagggg	ctacagtcac	taccaacctc	ttctcagccg	60
tcccatacat	cggccaaacc	ctcgtagaat	gggcttgagg	gggctttctca	gtagacaatc	120
ccacattaac	ccgattcttc	actttacact	tctctctccc	attcataatt	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	ccggctcaaa	caacccccta	ggcattgtat	240
caaactgcga	taaaatccca	ttccacccct	atTTTTcctt	aaaagatatc	ctagggttca	300
tactcatact	acttccactc	ataaccctag	ctctatTTTc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccttag	tcacacctcc	ccatatcaaa	ccagaatgat	420
actTTTTtatt	tgcctactcc	atcttacgct	caatcccaaa	caaactagga	gg	472

<210> 191

<211> 472

<212> DNA

<213> Grus canadensis canadensis

<400> 191

taccatgggg	acaaatatca	ttctgagggg	ctacagtcac	taccaacctc	ttctcagccg	60
tcccatacat	cggccaaacc	ctcgtagaat	gggcttgagg	gggcttctca	gtagacaatc	120
ccacattaac	ccgattcttc	actttacact	tcctcctccc	attcataatt	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	ccggctcaaa	caaccccccta	ggcattgtat	240
caaactgcga	taaaatccca	ttccacccct	atttttcctt	aaaagatatc	ctagggttca	300
tactcatact	acttccactt	ataaccctag	ctctattctc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccttag	tcacacctcc	ccatatcaaa	ccagaatgat	420
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<210> 192

<211> 472

<212> DNA

<213> Grus americana

<400> 192

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tcccatacat	cggccaaacc	atcgtagaat	gagcttgagg	gggcttctct	gtagacaacc	120
ccacattaac	ccgattcttc	actttacact	tcctcctccc	attcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	ctccacgaat	ccggctcaaa	caaccccccta	ggcatcgat	240
caaactgcga	taaaatccca	ttccacccct	atttttcctt	aaaagacatc	ctaggattca	300
cactcatatt	acttccactc	ataaccctag	ctctattttc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccttag	tgacacctcc	ccatattaag	ccggaatgat	420
actttttatt	tgcatacgcc	atcctacggt	caatcccaaa	caaactagga	gg	472

<210> 193

<211> 472

<212> DNA

<213> Grus grus

<400> 193

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tcccatacat	cggccaaacc	ctcgtagaat	gagcttgagg	gggcttctca	gtagacaacc	120
ccacattaac	ccgattcttc	accttacact	tcctcctccc	attcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	ccggctcaaa	caaccccccta	ggcatcgat	240
caaactgcga	taaaatccca	ttccacccct	atttttcctt	aaaagatatc	ctagggttca	300
tactcatatt	acttccactc	ataaccctag	ctctattttc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aaccctctag	tcacacctcc	ccatattaag	ccggaatgat	420
actttttatt	tgcatacgcc	atcctccggt	caatcccaaa	caaactagga	gg	472

<210> 194

<211> 472

<212> DNA

<213> *Grus monacha*

<400> 194

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tcccatatacat	cggccaaacc	ctcgtagaat	gagcttgagg	aggctttctca	gtagacaacc	120
ccacattaac	tcgattcttc	accttacact	tcctcctccc	attcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	ctccacgaat	ccggctcaaa	caaccccccta	ggcatcgtat	240
caaactgcga	taaaattcca	ttccaccctt	atTTTTcctt	aaaagatatc	ctaggattca	300
tattcatatt	acttccactc	ataaccctag	ctctatTTTt	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aacccctag	tcacacctcc	tcatattaaa	ccggaatgat	420
actttctatt	tgcatacgcc	gtcctacgtt	caatcccaaa	caaactagga	gg	472

<210> 195

<211> 472

<212> DNA

<213> *Grus nigricollis*

<400> 195

taccatgagg	acaaatatca	ttttgagggg	ctacagttat	caccaacctc	ttctcagccg	60
tcccatatacat	cggccaaacc	ctcgtagaat	gagcttgagg	aggctttctca	gtagacaacc	120
ccacattaac	tcgattcttc	accttacact	tcctcctccc	attcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	ctccacgaat	ccggctcaaa	caaccccccta	ggcatcgtat	240
caaactgcga	taaaattcca	ttccaccctt	atTTTTcctt	aaaagatacc	ctaggattca	300
tattcatatt	acttccactc	ataaccctag	ctctatTTTt	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aacccctag	tcacacctcc	ccatattaag	ccggaatgat	420
actttctatt	tgcatacgct	atcctacgtt	caatcccaaa	caaactagga	gg	472

<210> 196

<211> 472

<212> DNA

<213> *Grus japonensis*

<400> 196

taccatgggg	acaaatatcc	ttttgagggg	ctacagttat	caccaatctc	ttctcagccg	60
tcccatatacat	cggccaaacc	ctcgtagaat	gagcttgagg	gggctttctca	gtagacaacc	120
ccacattaac	tcgattcttt	accttacact	tcctcctccc	attcataatc	ataggcctca	180
ccctaatacca	tctcactttc	ctccacgaat	ccggctcaaa	caaccccccta	ggcatcgtat	240
caaactgtga	taaaatccca	ttccaccctt	atTTTTcctt	aaaagatatc	ttaggattta	300
cactcatatt	acttccactc	ataaccctag	ccctattctc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aacccctag	ttacacctcc	ccatattaag	ccggaatgat	420
acttcttatt	tgcatacgct	attctgcgtt	caatcccaaa	caaactagga	gg	472

<210> 197

<211> 472

<212> DNA

<213> *Ciconia boyciana*

<400> 197

tgccatgagg	acagatatca	ttctgagggg	ctacagtcac	caccaaccta	ttttcagcta	60
tcccctacat	cggccaaacc	ctcgtagaat	gggcctgagg	gggcttctcc	gtcgataacc	120
caacactaac	ccgattcttc	gccctacact	ttcttctccc	cttcgcaatc	gcaggcctca	180
ccctaattcca	cctcaccttc	cttcacgagt	ccggctcaaa	caaccccccta	ggcatcatct	240
caaactgcga	caaaattcca	ttccacccct	acttctccct	caaagatatc	ctaggcctta	300
cactoctact	tctgccacta	accaccctgg	ccctattctc	acccaaccta	ctagggtgacc	360
cagagaactt	caccccagcc	aaccccctag	tcacaccccc	tcacatcaag	ccagagtggg	420
acttctctct	tgcatacgcc	atcctacgct	ccatccccaa	caaactagga	gg	472

<210> 198

<211> 472

<212> DNA

<213> *Rhea americana*

<400> 198

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tcccgtagat	cggacaaaacc	ttggtagaat	gagcttgagg	ggggttttca	gtagacaacc	120
ctaccctaac	ccgattcttc	gccctgcaat	tccttctccc	cttcctaata	gcaggcatta	180
ctcttatcca	cctcaccttc	ctacacgaaa	ccgggtccaa	caacccctta	ggaatcgat	240
ctcactctga	caaaatccca	ttccacccct	acttctccct	aaaagatgcc	ctaggactag	300
ctctcatatt	tatcccgcgc	ctaaccctag	ccttcttctc	acccaacctc	ctaggggacc	360
cagaaaactt	caccccagcc	aaccccctag	ttacaccccc	tcacatcaag	ccagaatgat	420
atttcctatt	cgtttacgcc	atcttacgct	ccatccccaa	caaactagga	gg	472

<210> 199

<211> 472

<212> DNA

<213> *Anthracoseros albirostris*

<400> 199

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tcccatacat	cggccaaacc	ttagtagaat	gggcctgagg	gggattctcc	gttgacaacc	120
caaccctgac	acgattcttc	gccctacact	ttctcctccc	gttcataatc	gcaggcctag	180
tcctaattca	cctggcattc	ctccacgaat	caggctcaaa	caacccacta	ggcatcacat	240
ccaactgcga	caaaatccca	ttccacccat	actttgccct	aaaggacatc	ctaggattca	300
cagtaatact	cctcctccta	acctccctag	ccctcttctc	ccccaaccta	ctaggagacc	360
cagaaaactt	cacaccagca	aaccccctgg	taactcccc	ccatattaag	ccagaatggg	420
atttcctatt	cgcataatgcc	atcctacgct	caatccccaa	taaactagga	gg	472

<210> 200

<211> 472

<212> DNA

<213> *Falco femoralis*

<400> 200

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tcccatacat	cgggtcaaacc	ctagtcgagt	gggcctgagg	aggattttca	gtagacaatc	120
caacactgac	cggattcttc	gccctacact	tcctcctacc	attcctaata	gcaggggtca	180
ccttaatacca	cctcaccttc	ctacatgaat	cagggttcaaa	caaccccccta	ggaatcacat	240
caaactgcga	taaaatccca	ttccatccct	attactctct	caaagacctc	ctaggattca	300
tactcatata	cctcccccta	ataaccttag	ccctattcac	tcccaaccta	ctaggagacc	360
cagaaaactt	tacaccagca	aatcccctag	tcaccccccc	acacatcaaa	ccagaatgat	420
acttcctatt	cgcctacgcc	atcctacgct	caatccccaa	caaactaggt	gg	472

<210> 201

<211> 472

<212> DNA

<213> *Falco verpertinus*

<400> 201

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caacactaac	cggattcttc	gccctacact	ttctcctacc	attcctaata	gcaggggtca	180
ccctaattca	cctcaccttc	ctacacgaat	cagggttcaaa	caaccccccta	ggaatcacat	240
caaactgcga	caaaatccca	ttccatccct	actactctct	aaaagacctt	ttaggagtca	300
tactcatata	cctcccccta	ataaccctag	ccctattttac	cccaaactta	ctaggagacc	360
cagaaaactt	cacaccagca	aaccccctag	tcacaccccc	acacatcaaa	ccagaatgat	420
acttcctatt	tgcctacgcc	atcctacgct	caatccccaa	caaactgggt	gg	472

<210> 202

<211> 472

<212> DNA

<213> *Falco peregrinus*

<400> 202

taccctgagg	acaaatatca	ttctgaggag	ccacagtcac	taccaaccta	ttctcagcaa	60
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caacactgac	cggattcttc	gccctacact	tcctacttcc	attcctaata	gcaggactca	180
ccctaatacca	cctcaccttc	ctacatgaat	cagggtcaaa	taaccccccta	ggaatcacat	240
caaattgcga	caaaatccca	ttccacccat	actactctct	caaagatatc	ctaggattta	300
tactcatata	cctgcccccta	ataaccctag	ccctattttac	cccaaacctg	ctaggagacc	360
cagaaaactt	tacaccagca	aatccccttag	tcaccccccc	acacatcaaa	ccagaatgat	420
acttcctatt	tgettacgcc	atcctacgct	caatccccaa	taaactgggc	gg	472

<210> 203

<211> 472

<212> DNA

<213> *Falco sparverius*

<400> 203

taccctgagg	acaaatgtca	ttctgaggag	ccacagtcac	taccaaccta	ttctcagcaa	60
tcccatatat	cggccaaacc	ctagtctgaat	gggcctgagg	aggattctca	gtagacaacc	120
caacactaac	cgccttcttc	gccttacact	tcctcctacc	attcctaata	gcagggtcta	180
ccttaatcca	cctcaccttc	ctacatgaat	cagggttccaa	caaccccccta	ggagtcacat	240
caaactgtga	caaaatccca	ttccacccct	actactctct	caaagacctc	ctagggttta	300
tgctcatact	cctgccctta	atagccctag	ccctattcac	cccaaacctg	ctaggagacc	360
cagaaaactt	cacaccagcg	aaccccctag	tcaccccacc	acacatcaaa	ccagaatgat	420
acttcctatt	tgcctacgct	attctacgct	caattcccaa	caaattaggc	gg	472

<210> 204

<211> 472

<212> DNA

<213> *Aythya americana*

<400> 204

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caaccctaac	tgcattcttc	gccatccact	tcctactacc	cttcctaata	gcagggaatca	180
ccctagtcca	cctaactttc	ctgcacgagt	cagggtcaaa	caaccccccta	ggcattgtat	240
cagactgcga	caaaatccca	tttcacccct	acttctcctt	caaagacatc	ctaggattta	300
tcctcatgct	caccccccta	atagcactag	ccctattctc	accaaacctc	ctaggagacc	360
cagaaaactt	taccccagca	aacccactag	taaccccacc	ccacatcaaa	ccagaatgat	420
acttcctatt	cgcctacgcc	atcctgcgat	caatcccga	taaactagga	gg	472

<210> 205

<211> 472

<212> DNA

<213> *Smithornis sharpei*

<400> 205

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ttccatacat	cggacaaacc	ctagtagaat	gagcttgggg	aggattttca	gtagacaacc	120
ccacccttac	cgcattcttc	tcccttcact	tcctcctccc	atttatcatc	gcaagcctga	180
cactcatcca	tctcaccttc	ctccatgaaa	cagggttcaaa	caacccctcta	ggatatctcat	240
ctaactccga	taaaatccca	ttccacccat	acttctccat	aaaagacatt	ctaggctttg	300
caatcatact	aacaccacta	ataaccctag	ccatattctc	tcctaacctc	ctaggagacc	360
cagaaaattt	cacaccgcgc	aactccctcg	tcaactcccc	tcatatcaaa	cccgaatgat	420
atTTTTTatt	tgcatacgct	attctgcgat	caattccaaa	caaactagga	gg	472

<210> 206

<211> 472

<212> DNA

<213> *Vidua chalybeata*

<400> 206

tgccatgagg	acaaatatca	ttctgaggag	ccacagtaat	cacaaaccta	ttctcagcaa	60
ttccatacat	tggccaaacc	ctagtagaat	gagcctgagg	aggattctca	gtagacaacc	120
caacactcac	ccgattcttc	gccctacact	tccttctacc	cttcgtcatt	gcaggactca	180
ctctagtcca	cctcacattc	ctacacgaaa	caggatcaaa	caatccaata	ggaattccat	240
cagactgtga	caaaattcca	ttccacccat	actacaccac	aaaggacatc	ctaggcttcg	300
tactaatatt	cgcactccta	gcttccatag	ccctattctc	cccaaacata	ctaggagatc	360
cagaaaactt	cactccggcc	aacccccctaa	tcacaccacc	acatatcaaa	cccgaatgat	420
acttcttatt	cgcctacgcc	atcctacgat	ccatcccaaa	caaactagga	gg	472

<210> 207

<211> 472

<212> DNA

<213> *Chrysemys picta*

<400> 207

taccatgggg	ccaaatatcc	ttctgagggtg	ccaccgttat	tactaacctc	ctctcagcca	60
tcccattcat	tggtaacaca	ttagtacaat	gaatctgagg	tggattctca	gtagacaacc	120
caaccttaac	ccgatttttt	acccttcact	tccttctacc	atttacaatc	ataggtctaa	180
caatagtaca	cctacttttt	ctacatgaaa	ctggatcaaa	caacccaaca	ggattaaact	240
caaacactga	caaaatccca	ttccaccctt	atttctcata	taaagacctt	ttaggcgctca	300
ttctaatact	aaccttccta	ctaaccctaa	cactattctc	tccaaacctt	ttagggggacc	360
cagataaactt	cacaccggcc	aacccccctat	ctaccccacc	acatatataa	ccagaatgat	420
actttctttt	cgcttacgca	attctacgat	ccatcccaaa	caaattaggt	gg	472

<210> 208

<211> 472

<212> DNA

<213> *Emys orbicularis*

<400> 208

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tcccatacat	tggcaataca	ctagtgcatt	gaatctgagg	gggattctca	gtagataacc	120
caaccctaac	ccgattcttc	actttccatt	tcttactgcc	atttaccatt	ataggcctaa	180
caatagtaca	cctactcttc	ctacacgaaa	ccggatcaaa	caatccaaca	ggattaaact	240
caaacaccga	taaaatccct	ttccatccct	acttctcata	caaagacctc	ttaggactca	300
tcctaatact	agccttccctg	ctaaccctaa	cactattctc	tcctaacctt	ctaggagacc	360
cagataaactt	tacaccagct	aacccgctat	ccaccccacc	acatatataag	ccagagtgat	420
actttctttt	tgcctacgca	atcctacgat	caatcccaaa	caaattagga	gg	472

<210> 209

<211> 472

<212> DNA

<213> *Chelonia mydas*

<400> 209

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tcccatacat	cggcaacaca	ctagtacaat	gaatctgagg	agggttttca	gtagacaatg	120

caaccctaac	ccgattcttc	accttccact	tcctattacc	atttgccatt	accggcctta	180
cagcagtaca	tctattattc	ctgcacgaaa	caggatcaaa	caacccaaca	ggattaaatt	240
caaataccga	caaaatcccc	ttccacccct	acttctccta	caaagactta	ctaggactca	300
ttttaatact	aacttttctc	ctaaccttaa	cactttttctc	cccctactta	ctaggagacc	360
cagacaactt	cacaccagcc	aacctcttat	ccactcctcc	ccacatcaaa	ccagaatgat	420
acttcctatt	tgcctacgca	atcctacgat	caatcccaaa	caaactaggc	gg	472

<210> 210

<211> 472

<212> DNA

<213> Eumeces egregius

<400> 210

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ttccatacat	tggcaccaac	ctagtagaat	gaatttgagg	gggcttttcc	gtagacaacg	120
caaccctcac	ccgatttttc	acattccact	tccttctgcc	attcgctatt	ataggggcct	180
caataattca	cctactatth	cttcacgaaa	caggatcaaa	taacccaacc	ggactaaatt	240
ctagcacaga	taaggtgcca	ttccacccat	attacacata	caaagacctt	cttggtttca	300
tcattatact	gtctgttcta	ctagccctcg	cccttttctc	accaaactt	ctaggcgacc	360
cagaaaattt	taccccagca	aacccctgg	taacaccccc	acatattaag	ccagagtgat	420
acttcttatt	tgcctacgcc	atcctacgct	ctattccaaa	caaactaggc	gg	472

<210> 211

<211> 472

<212> DNA

<213> Antelope cervicapra

<400> 211

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ttccatacat	cggtagaaa	ctagtagaat	gaatctgagg	agggttctca	gtagataaag	120
caacccttac	ccgatttttc	gccttccact	ttatcctccc	atthtatcatt	gcagccctta	180
ccatagtaca	cctactgttt	ctccacgaaa	caggatccaa	caaccccaca	ggaatctcat	240
cagacgcaga	caaaattcca	ttccacccct	actacactat	caaagatatc	ctaggagctc	300
tactattaat	tttaaccctc	atgcttctag	tcctattctc	accggacctg	cttggagacc	360
cagacaacta	tacaccagca	aaccactta	atacacccc	acatatcaag	cccgaatgat	420
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<210> 212

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Universal primer for amplifying a fragment of cytochrome b gene of animal species in polymerase chain reaction

<400> 212

taccatgagg acaaatatca ttctg 25

<210> 213

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Universal primer for amplifying a fragment of cytochrome b
gene of animal species in polymerase chain reaction

<400> 213

cctcctagtt tgttagggat tgatcg 26

<210> 214

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer for amplifying a fragment of cytochrome b
gene of animal species in polymerase chain reaction

<400> 214

tagtagaat gaatctgagg agg 22

<210> 215

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer for amplifying a fragment of cytochrome b
gene of animal species in polymerase chain reaction

<400> 215

atgcaaataag gaagtatcat tc 22

<210> 216

<211> 472

<212> DNA

<213> *Aepyceros melampus*

<220>

<221> n

<222> 431

<223> unknown base

<400> 216

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caaccctnac	cogatttttc	gcyttccact	tcatcyttcc	attcatcatt	gcggcactag	180
ccatagtcca	cctactcttt	cttcacgaaa	caggatctaa	caaccctaca	ggaatcttat	240
cagattcaga	taaaattcca	ttccaccctt	actatactat	traagacatc	ctaggaatcc	300
tattaataat	tctagtccca	atactcctag	tactattcat	acccgaccta	ctaggagacc	360
cagacaanna	catccccgca	aaccactca	acaccctcc	ccacatcaag	cccgaatggg	420
acttctctgtt	ngcatacgca	atcctacgat	caatccccaa	taaactagga	gg	472

<210> 217

<211> 472

<212> DNA

<213> *Oreotragus oreotragus*

<220>

<221> n

<222> 425;431

<223> unknown base

<400> 217

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caacccttac	cogattcttt	gcctttcact	tcacttttcc	atttatcatc	gcagccctag	180
ccatagtaca	cctactcttt	ctccacgaaa	cagggtccaa	taaccccaca	ggaatctcat	240
cagacacaga	caaaatccca	tttcatcctt	attacacaat	caaagatata	ctaggcgccc	300
tattactaat	tctagcttta	ttactcttag	tattattcac	acctgaccta	cttggagacc	360
cagataacta	caccccagca	aaccactca	acactcccc	tcacattaaa	ccagaatggg	420
atttinctatt	ngcatatgca	atcctacgat	caatccccaa	taaactagga	gg	472

<210> 218

<211> 472

<212> DNA

<213> *Addax nasomaculatus*

<400> 218

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tcccatatat	cggcacagac	ctggtcgaat	gaatctgagg	aggattctcc	gtagacaaag	120
caacccttac	ccgatttttc	gccttccact	ttattctccc	ctttattatc	gctgcccttg	180
ccatagtcca	tctactcttt	ctccacgaaa	caggctccaa	caaccctaca	ggaatctcct	240
cagacacaga	caaaatccca	ttccaccctt	actataccat	taaagacatc	ttaggcgccc	300
tactactaat	tctagtccctc	atactactag	tattattcac	acccgaccta	cttggagacc	360
cagacaatta	taccccagca	aatccactta	gcacgcccc	tcacatcaaa	cctgaatgat	420
atttcctatt	tgcatacgca	attctacgat	caatccccaa	caaactagga	gg	472

<210> 219

<211> 472

<212> DNA

<213> Oryx damah

<400> 219

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tcccatacat	cggcacaaat	ctagtccgaat	gaatttgagg	gggattctcc	gtagacaaag	120
caaccctcac	ccgatttttc	gccttccact	ttattctccc	ttttattatc	gctgcccttg	180
ccatagtcca	cctactcttt	ctccacgaaa	caggctccaa	caaccctaca	ggaatcacct	240
cagacacaga	caaaattccg	ttccaccctt	attataccat	taaagatatc	ttaggcgccc	300
tactactaat	cctagccctt	atgttgctag	tattattcgc	acccgaccta	cttggagacc	360
cagataatta	tacaccagca	aatccactta	acacaccccc	tcacatcaaa	cccgaatgat	420
atttcctatt	tgcatatgcg	atcttacgat	caatccccaa	caaactagga	gg	472

<210> 220

<211> 472

<212> DNA

<213> Hippotragus equinus

<400> 220

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tcccatatat	tggcacaaaac	ctagtccgaat	gaatctgagg	gggattctcc	gtagacaaag	120
caaccctcac	ccgattcttc	gccttccact	ttattcttcc	ctttatcatt	actgcccttg	180
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cagacaacta	tgccccagca	aaccactca	acacggcccc	tcacattaaa	cccgaatgat	420
atTTTTtatt	cgcgtacgca	attctacgat	cgatccccaa	taagctggga	gg	472

<210> 221

<211> 472

<212> DNA

<213> Alcelaphus buselaphus

<400> 221

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caacccttac	cggatttttt	gccttccact	tcattcttcc	attcatcatt	gcagcccttg	180
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tattactaat	cctagccctc	atactactag	tactattcgc	acccgacctg	ctcggagacc	360
cagacaacta	cacccccgcg	aacccactta	acacaccccc	tcacatcaag	cccgaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caatccctaa	caaactagga	gg	472

<210> 222

<211> 472

<212> DNA

<213> *Sigmoceros lichtensteinii*

<400> 222

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tcccatatat	tggcacagac	ctagtagaat	gaatctgagg	aggattatca	gtagacaaag	120
caacccttac	cggatttttt	gccttccact	tcattctccc	attcatcatt	gcagcccttg	180
ccatagtcca	cctcttattc	ctccacgaaa	caggatctaa	caacccca	ggaatctcgt	240
cagacgcaga	taaaatccca	ttccacccct	actatacaat	caaggacatt	ctaggcgccc	300
tattactaat	tctagccctc	atactactag	tactattcgc	acccgacctg	ctcggagacc	360
cagacaacta	cacccccgcg	aacccactta	acacaccccc	tcacatcaag	cccgaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caatccctaa	caaactagga	gg	472

<210> 223

<211> 472

<212> DNA

<213> *Beatragus hunteri*

<400> 223

tgccatgagg	acaaatatca	ttctgaggag	caacagtcac	caccaacctc	ctctcagcaa	60
ttccatatat	tggatcaaac	ctagtcgaat	gaatctgagg	aggcttctca	gtagacaaag	120
caaccctcac	cggatttttt	gctttccact	ttattctccc	atttatcatt	acagcccttg	180
ccatagtcca	cctcttattt	ctccacgaaa	caggatctaa	caacccca	ggaatctcgt	240
cagatgcaga	taaaattcca	ttccacccct	actacaccat	caaagacatc	ctaggcgccc	300
tactactaat	tctagccctc	atattactag	tactatttgc	acccgacctg	ctcggagacc	360
cagacaacta	cacccccgca	aacccactta	atacaccccc	tcacatcaaa	cccgaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caatccccaa	taaactagga	gg	472

<210> 224

<211> 472

<212> DNA

<213> *Damaliscus lunatus*

<400> 224

tgccatgagg	acaaatatca	ttctgaggag	caacagtcac	cactaacctc	ctctcagcaa	60
------------	------------	------------	------------	------------	------------	----

ttccatacat	cggcacaaat	ctagtctgaat	ggatctgagg	gggcttctca	gtagacaaag	120
ccaccctcac	ccgattcttt	gccttccact	tcatcttccc	atttatcatc	gtagctcttg	180
ccatagtgcg	cctcttatto	ctccatgaaa	caggatctaa	caacccca	ggaatctcat	240
cagatgcgga	caaaatcccg	tttccaccct	actacactat	caaagacgcc	ctagggggccc	300
tactactaat	tctagccctc	atactactag	tactatttgc	acccgacctg	ctcggagacc	360
cagacaacta	cacccttgca	aaccactca	acacgcccc	tcacatcaag	cccgaatgat	420
atttcctatt	cgcatacgca	atcctacgtt	cgatccca	cgagctagga	gg	472

<210> 225

<211> 472

<212> DNA

<213> *Connochaetes taurinus*

<400> 225

taccatgagg	acaaatatcc	ttttgaggag	caacagtcac	caccaacctc	ctctcagcaa	60
tcccatacat	tggcactaac	ctagtctgaat	gaatctgagg	gggattctca	gtagacaaag	120
caacccttac	ccgatttttc	gccttccact	tcatctctcc	atttatcatc	acagcccttg	180
ctatagtcca	tctcctatto	ctccacgaaa	caggatctaa	caatcccaca	ggaatttcat	240
ccgacaccga	taaaatccca	ttccccccct	attacaccat	caaagacatc	ctaggcgctc	300
tattactaat	tctagcccta	atactactag	tactattcgc	gcccgaattt	cttggagacc	360
cagacaacta	cacccccgca	aatccactca	acacaccccc	tcacatcaag	cccgaatgat	420
acttcctatt	tgcataatgca	atcctacgat	caatccca	cggactagga	gg	472

<210> 226

<211> 472

<212> DNA

<213> *Bison bonasus*

<220>

<221> n

<222> 437

<223> unknown base

<400> 226

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caacccttac	ccgatttttc	gctttccact	ttatctctcc	atttattatc	atagcaattg	180
ccatagttca	cctactattc	ctccacgaaa	caggttctaa	caatccaaca	ggaatttcct	240
cagacacaga	caaaattcca	ttccaccctt	actataccat	taaagacatc	ctaggagcct	300
tattactaat	tctaactcta	atactactag	tactattcgc	accggacctc	ctcggagacc	360
cagataacta	caccccagca	aatccactta	acacacctcc	ccacatcaaa	cccgaatgat	420
acttcttatt	tgcatangca	attttacggt	caatccca	caaactagga	gg	472

<210> 227

<211> 472

<212> DNA

<213> Bos grunniens

<400> 227

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ttccatacat	cggcacaaat	ttagtcgaat	ggatttgagg	tgggttctca	gtagacaaag	120
caaccctcac	ccgattcttc	gctttccact	ttatcctccc	atttattatt	acagcaattg	180
ccatagtcca	cctactattc	ctccacgaaa	caggctccaa	caatccaaca	ggaatctcct	240
cagacgcaga	caaaattcca	tttcacccct	actataccat	taaagacatc	ttaggagcct	300
tattactaat	tctagcccta	atacttctgg	tactattcac	acccgacctc	ctcggagacc	360
cagacaacta	caccccagca	aatccactca	acacacctcc	ccacatcaaa	cccgaatgat	420
acttcttatt	tgcatacgca	attttacgat	caatccccaa	taaactagga	gg	472

<210> 228

<211> 472

<212> DNA

<213> Bos tragocamelus

<400> 228

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tcccatacat	cggcacaaac	ctagttgaat	gaatctgagg	cgggttctca	gtagacaaag	120
caaccctaac	ccgattcttc	gctttccact	ttatcctccc	attcatcatt	gcagccctcg	180
caataatcca	tctactcttc	ctccatgaaa	cagggtctaa	caatccaaca	ggaatttcat	240
cagacgcaga	taaaatccca	tttcacccct	actacactat	taaagacatt	ctaggagccc	300
tactacttat	tctagcccta	ataatactag	tactattcgc	acccgacctc	ctcggagacc	360
cagacaacta	caccccagca	aacccactta	gcacacctcc	ccatattaag	cccgaatggt	420
atttctgtt	cgcatacgca	attctacgat	caatccccaa	caaactagga	gg	472

<210> 229

<211> 472

<212> DNA

<213> Bubalus bubalis

<400> 229

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tcccatacat	tggtacaagt	ctggttgaat	gaatttgagg	gggattctca	gtagacaaag	120
caaccctcac	ccgattcttc	gcatttcact	tcatcctccc	attcattatc	gcaggacttg	180
caatagtcca	cctattatct	ctccacgaaa	caggatccaa	caacccaaca	ggaatctcat	240
cagacacaga	caaaatccca	ttccacccct	attacaccat	taaagacatc	ctaggcgccc	300
tactattaat	cctagcccta	atactattag	tactattcgc	acccgacctc	ctcggggacc	360
cagacaacta	caccccagca	aacccactca	acacacctcc	ccacatcaag	cctgaatggt	420
acttcctatt	cgcatacgca	atcttacgat	caattcctaa	caaactagga	gg	472

<210> 230

<211> 472

<212> DNA

<213> Bubalus mindorensis

<400> 230

tgccatgagg	acaaatatca	ttctgaggag	caacagtcac	caccaacctt	ctctcagcaa	60
tcccatacat	tggcacaaac	ctagttgagt	gaatttgagg	gggattctca	gtagacaaag	120
caaccctcac	cggattcttc	gcatttcact	tcattcctcc	attcattatc	gcagcacttg	180
caatagtcca	cctattatct	ctccacgaaa	caggatccaa	caaccaaca	ggaatctcat	240
cagacacaga	caaaatccca	ttccacccct	actacacat	taaagacatt	ctaggcgccc	300
tgctattaat	cctagcccta	atactattag	tactattcac	acccgacctc	ctcggggacc	360
cagacaacta	caccccagca	aacccactca	acacacctcc	ccatatcaaa	cctgaatggt	420
acttcctatt	cgcatacgca	atcttacgat	cagttcctaa	caaactagga	gg	472

<210> 231

<211> 472

<212> DNA

<213> Tragelaphus angasii

<400> 231

tgccatgagg	acaaatatca	ttctgaggag	caacggtcac	cacaaacctc	ctatcagcaa	60
tcccatacat	tggcaccaac	ctagttgaat	gaatctgagg	aggcttctcg	gtagacaagg	120
caaccctaac	cggatttttc	gccttcact	tcattcctcc	gtttattatt	acagcgctgg	180
ttatggtcca	cctattatct	ctccatgaaa	caggatccaa	caaccaaca	ggaatctcat	240
cagacataga	caaaattcca	ttccacccct	attacactat	caaggacatc	ctaggcgccc	300
tactattaat	cctagcccta	atagtactag	tactattcac	acctgacctc	ctcgagagacc	360
ccgacaacta	caccccagcg	aacccctc	atacacctcc	ccatatcaaa	cctgaatgat	420
atttcctggt	cgcatacgca	atcctacgat	ctatcccaaa	caagctagga	gg	472

<210> 232

<211> 472

<212> DNA

<213> Tragelaphus eurycerus

<400> 232

taccatgagg	acaaatatca	ttttgaggag	caacagtcac	cacaaacctt	ctatcagcaa	60
tcccttatat	tggcaccagc	ctagtcgaat	gaatctgagg	gggcttttca	gtagacaaag	120
caaccttaac	cggattcttc	gccttcact	ttatccttcc	atttattatt	acagcactag	180
ccatggtaca	cctactatct	ctccacgaaa	caggatccaa	caaccaaca	ggratctcat	240
craacataga	caaaattcca	tttcacccct	actacactat	taaggacatc	ctaggtgccc	300
tactgcta	cctaaactca	atactcctag	tactattcgc	acccgacctt	ctcgagagacc	360
ccgacaacta	caccccagca	aacccactca	acacaccacc	tcatatcaaa	cctgaatgat	420
acttcctatt	cgcatacgca	atcctacgat	caatccctaa	taaactagga	gg	472

<210> 233

<211> 472

<212> DNA

<213> Nemorhaedus caudatus

<400> 233

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tcccatatat	tggcacaaac	ctagtctgaat	gaatctgagg	gggatttctca	gtagacaaag	120
ctactctcac	ccgattcttc	gccttccact	tcctcctccc	atttatcatt	acagctactg	180
ctatagtcca	cctacttttc	ctccatgaga	taggatccaa	caaccccaca	ggtatcccat	240
cagacataga	caaaatccca	tttcaccctt	attatacaat	caaagatatt	ctaggcgcta	300
tactactaat	cctcaccctt	atcttactgg	tattattcac	acctgactta	cttggagatc	360
cagacaacta	taccccagca	aacccactca	gcacaccccc	tcacattaaa	cctgaatgat	420
atttcctatt	tgcatatgca	atcttacgat	caatccccaa	taaactaggc	gg	472

<210> 234

<211> 472

<212> DNA

<213> *Pseudois nayaur*

<400> 234

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tcccctatat	tggcacaaat	ctagtctgaat	ggatctgagg	gggatttctca	gtagacaagg	120
ccactctcac	ccgattcttc	gccttccact	tcctcctccc	atttattatt	atagccctcg	180
ccatagtcca	cctacttttc	ctccacgaaa	caggatctaa	caaccccaca	ggaatcccat	240
cagacacaga	caaaatccca	ttccaccctt	actacaccat	taaagatatt	ctaggcgctg	300
cactgctaatt	cctcgccctg	atattactag	tattatttac	acccgaccta	ctcggagacc	360
cagacaacta	caccccagca	aacccactca	acacaccccc	tcacattaaa	cccgagtgat	420
acttcctatt	tgcatacgca	atcctacgat	caattcccaa	caagctagga	gg	472

<210> 235

<211> 472

<212> DNA

<213> *Ammotragus lervia*

<400> 235

tgccatgagg	acagatatca	ttctgagggg	caacagtcac	caccaacctt	ctctcagcaa	60
tcccatacat	tggcacagac	ctggctgaat	gaatctgagg	gggatttctca	gtagacaaag	120
ctactctcac	ccgattcttc	gccttccact	tcctcctccc	atttgtaatc	gcagccctag	180
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cagacgcaga	caaaatccca	ttccaccctt	actacaccat	caaagatatt	ctaggcgcca	300
tgctactaat	cctcaccctc	acactactag	tactatttac	acccgatcta	ctcggggacc	360
cagacaacta	taccccagca	aatccactca	acacaccccc	tcattattaaa	cctgaatgat	420
acttcctatt	tgcatacgca	atcctacgat	caatccctaa	taaactggga	gg	472

<210> 236

<211> 472

<212> DNA

<213> *Capra falconeri*

<400> 236

taccatgagg	acaaatatca	ttctgagggg	caacagtcac	caccaatctc	ctctcagcaa	60
tcccatatat	tggcacaaac	ctagtccaat	gaatctgagg	aggattctca	gtagataaag	120
ccaccctcac	ccgattcttc	gccttccact	ttatcctccc	attcatcatt	gcaggcctcg	180
ccatagtcca	cctactcttc	ctccacgaaa	caggatccaa	caatcccaca	ggaattccat	240
cagacacaga	caaaatccca	tttcaccctt	actacaccat	taaagatatc	ctagggcgcca	300
tactactaat	tctcgccctg	atgctactag	tactattcac	acctgacctc	ctcgagagacc	360
cagataacta	tatcccagca	aatccactca	atacaccccc	tcatatcaaa	cctgagtggg	420
atttcttatt	tgcatacgca	atcctacgat	caatccccc	caaactagga	gg	472

<210> 237

<211> 472

<212> DNA

<213> Capra ibex

<400> 237

taccatgagg	acaaatatca	ttctgagggg	caacagtcac	cactaacctt	ctctcagcaa	60
tcccatatat	tggcacaaac	ctagtccaat	gaatctgagg	gggattctca	gtagacaaag	120
ccactctcac	ccgattcttc	gccttccact	tcattcctccc	attcatcatt	acagccctcg	180
ccatagtcca	cctgctcttc	ctccacgaaa	cgggatccaa	caaccccaca	ggaattccat	240
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tgctactaat	tcttgtccta	atattactag	tactattcac	acccgacctc	ctcggggacc	360
cagacaacta	taccccagca	aacccactca	atacaccccc	tcacattaaa	cctgaatgat	420
atttcttatt	tgcatacgca	atcctacgat	caattcccaa	caaactaggg	gg	472

<210> 238

<211> 472

<212> DNA

<213> Hemitragus jemlahicus

<400> 238

taccatgagg	acagatatca	ttctgagggg	caacagtcac	caccaacctt	ctctcagcaa	60
ttccatatat	cggcacaaac	ctagtccaat	gaatctgagg	aggattctca	gtagacaaag	120
ctaccctaac	ccgattcttc	gctttccact	tcattcctccc	attcatcatt	gcagccctcg	180
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tactactaat	tcttgtccta	atattactag	tactatttat	acccgacctc	cttgagagacc	360
cagacaacta	taccccagca	aatccactca	acacaccccc	tcacattaaa	cctgaatgat	420
attttctatt	tgcatacgcg	atcctacgat	caattcccaa	caaactagga	gg	472

<210> 239

<211> 472

<212> DNA

<213> Rupicapra pyrenaica

<400> 239

taccatgagg	acagatatca	ttctgaggag	caacagttat	taccaatctc	ctctcagcaa	60
tcccatatat	tggcatagac	ttagtcgagt	gaatctgagg	gggcttctcg	gtagacaaag	120

ctaccctcac	cggattcttt	gcctttcact	tcctctccc	attcatcatt	gcagccttag	180
ccatagtcca	cctactcttc	ctccatgaaa	caggatcaaa	caaccccaca	ggaatcccat	240
cagatgcgga	traaatccca	tttcacccct	actataccat	taaagacatt	ctaggcgcca	300
tactactaat	cctcaccctt	atactactgg	tactatttac	acctgaccta	ctcggagacc	360
cagataacta	taccccagcg	aacccactca	acacaccccc	tcacatcaaa	cccgaatgat	420
atttcttggt	tgcatatgcg	atcctacgat	caattcccaa	caaacttgga	gg	472

<210> 240

<211> 472

<212> DNA

<213> *Rupicapra rupicapra*

<220>

<221> n

<222> 338

<223> unknown base

<400> 240

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ctaccctcac	cggattcttt	gccttccact	tcctctccc	atttatcatt	gcagccttag	180
ccatagtcca	cctactcttc	ctccacgaaa	caggatctaa	caaccccaca	ggaatcccat	240
cagatgcgga	caaaatccca	tttnacccct	attataccat	caaagacatt	ctgggcgcca	300
tactactaat	cctcaccctc	atactactag	tactattnac	acctgaccta	ctcggagacc	360
cagataatta	caccccagcg	aacccactca	acacaccccc	tcacattaaa	cccgaatgat	420
atttcttatt	tgcatatgca	attctacgat	caatccccaa	caaacttgga	gg	472

<210> 241

<211> 472

<212> DNA

<213> *Pantholops hodgsoni*

<400> 241

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tcccatatcat	tggcacagac	ctagtcgaat	gaatctgagg	gggattctca	gtagacaaaag	120
ctacccttac	cggattcttt	gccttccatt	tcattctccc	attcatcatc	gcagccctcg	180
ccatagtcca	cctactcttc	ctccacgaaa	caggatccaa	caaccccaca	ggaattccat	240
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tactactaat	cctaactctc	atattactag	tactattttc	acccgaccta	ctcggagacc	360
cagacaatta	taccccagca	aacccctca	acacaccacc	ccacattaaa	cctgaatggt	420
actttctatt	tgcatatgca	atcctacgat	caatccccaa	caaactagga	gg	472

<210> 242

<211> 472

<212> DNA

<213> Budorcas taxicolor taxicolor

<400> 242

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tcccatacat	tggcacaaac	ctagttgagt	gaatctgagg	aggattctca	gtagacaaag	120
catccctcac	ccgattcttt	gcctttcact	tcatectccc	atttatcatc	gcagacctcg	180
ccatagtcca	tttacttttc	ctccacgaaa	caggatccaa	caaccccaca	ggaattccgt	240
cagatgcaga	taaaattcca	tttcaccctt	attacaccat	taaagatatc	ctaggagtca	300
tactactaat	cctcgtcctc	atgttgctag	tactatttat	acttgacgta	cttgagagacc	360
cagataatta	taccccagca	aatccactca	acacaccccc	tcacatcaaa	cctgaatgat	420
atttcctatt	tgcatacgca	atcttacgat	caatccccaa	caaactagga	gg	472

<210> 243

<211> 472

<212> DNA

<213> Ovis ammon

<400> 243

taccatgagg	acaaatatca	ttctgaggag	caacagttat	taccaacctc	ctttcagcaa	60
ttccatatat	tggcacaaac	ctagtccaat	gaatctgagg	gggattctca	gtagacaaag	120
ccaccctgac	ccgattcttc	gcctttcact	ttattttccc	attcatcatc	gcagccctcg	180
ccatagtcca	cctactcttc	ctccacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
cggacacaga	taaaattccc	ttccaccctt	actacaccat	taaagacatc	ctaggtgccca	300
tcctactaat	cctcaccctc	atactactag	tactattcac	gcctgacctta	ctcggagagacc	360
cagacaacta	caccccagca	aacccactta	acactccccc	tcacatcaaa	cctgaatgat	420
acttcctatt	tgcatacgca	atcttacgat	caatccctaa	taaactagga	gg	472

<210> 244

<211> 472

<212> DNA

<213> Ovis vignei

<220>

<221> n

<222> 264-278

<223> unknown base

<400> 244

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ctaccctcac	ccgatttttc	gcctttcact	ttattttccc	attcatcatc	gcagccctcg	180
ctatagtcca	cctactcttc	ctccacgaaa	caggatccaa	taaccccaca	ggaattccat	240
cggacacaga	caaaatcccc	ttcnnnnnnn	nnnnnnnnat	taaagacatt	ctgggtgccca	300
tcctactaat	cctcatcctc	atgctgctag	tactattcac	gcctgactta	cttgagagacc	360
cagacaacta	caccccagca	aacccactta	acactccccc	tcacatcaaa	cctgaatgat	420
atttcctatt	tgcatatgca	atcttacgat	caatccctaa	taaactagga	gg	472

<210> 245

<211> 472

<212> DNA

<213> *Capcornis crispus*

<400> 245

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ccaccctcac	ccgattcttt	gccttccatt	tcattctccc	attcatcatc	acagccctcg	180
ccatagtgc	cctacttttc	ctccacgaaa	caggatccaa	caaccccaca	ggaatctcat	240
cagacacaga	caaaatccca	ttccacccct	actacacaat	caaagatata	ctaggcatcg	300
tgctactaat	cctcaccctc	atactactag	tactgttcac	acccgaccta	ctcggagacc	360
cagacaacta	cactccagca	aaccactca	acacaccccc	tcacatcaag	cccagatgat	420
acttcctatt	tgcatacgca	atcctacgat	caatcccaa	caaactaggc	gg	472

<210> 246

<211> 472

<212> DNA

<213> *Ovibos moschatus*

<400> 246

taccatgagg	acaaatatca	ttctgaggag	ctacagtcac	cactaacctc	ctctcagcaa	60
tcccatatat	cggcacaaac	ctagtcgaat	gaatctgagg	aggattctcc	gtagacaaag	120
cçaccctcac	ccgatttttt	gcttttcaact	ttatcctccc	atttatcatc	gtagccctcg	180
ctatagtaca	tttgctcttc	ctccacgaaa	caggatccaa	caaccccaca	ggaattccat	240
cagacacgga	caaaatccca	ttccacccct	actatacaat	caaagacatt	ctaggcgcca	300
tactactaat	ccttaccctt	atactactag	tattattcac	acccgaccta	cttggagacc	360
cagacaacta	taccccagca	aaccactca	acacaccccc	tcacattaaa	ccagatgat	420
acttcctatt	tgcatacgca	atcctacgat	caattcctaa	caaactaggc	gg	472

<210> 247

<211> 472

<212> DNA

<213> *Oreamnos americanus*

<400> 247

taccatgagg	acaaatatca	ttctgaggag	caacagttat	taccaacctc	ctttcagcaa	60
ttccatatat	tggcacaaac	ctagtcgaat	gaatctgagg	gggattctca	gtagacaaag	120
ccaccctgac	ccgattcttc	gccttttcaact	ttattttccc	attcatcatc	gcagccctcg	180
ccatagtcca	cctactcttc	ctccacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
cggacacaga	taaaattccc	ttccacccct	actacaccaa	taaagacata	ctagggtgcca	300
tcctactaat	cctcaccctc	atactactag	tactattcac	gcctgaccta	ctcggagacc	360
cagacaacta	caccccagca	aaccactta	acactcccc	tcacatcaaa	cctgaatgat	420
acttcctatt	tgcatacgca	atcttacgat	caatccctaa	taaactagga	gg	472

<210> 248

<211> 472

<212> DNA

<213> *Cephalophus dorsalis*

<400> 248

tcccatgagg	gcaaatatca	ttctgaggag	ccacagtcac	taccaacctc	ctctcagcaa	60
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caactctcac	cggattcttt	gctttccact	ttatcttccc	ttttattatt	gcagccctcg	180
ccatagtcca	cctactcttc	ctccatgaaa	caggatccaa	caaccccaca	ggagtctcat	240
cggacgcaga	caaaatccca	ttccaccctt	actacacat	taaagacatc	ctaggcgccc	300
tactactcat	tctagcccta	ataatcctag	tattattctc	acccgactta	cttgagacc	360
cagataacta	caccccagca	aacccactca	acacacctcc	ccatattaaa	cccgaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caattccaaa	caaactagga	gg	472

<210> 249

<211> 472

<212> DNA

<213> *Cephalophus maxwellii*

<400> 249

tcccatgagg	acaaatatca	ttctgaggag	ccacagtcac	taccaacctc	ctctcagcaa	60
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caaccctcac	tcgatttttc	gccttccact	ttatcttccc	atttatcatc	gcagcccttg	180
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cagacgcaga	caaaatcccg	ttccaccctt	actacactat	caaagacatc	ctaggcgccc	300
tattacttat	tctagcccta	ataatcctag	tactattctc	acccgactta	ctcggagatc	360
cagataatta	tactccagca	aacccactta	acacacctcc	ccacatcaag	cccgaatgat	420
atttcctatt	cgcgtacgca	attctacgat	caattccaaa	taaattagga	gg	472

<210> 250

<211> 472

<212> DNA

<213> *Alces alces*

<400> 250

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ttccatacat	tggtactaat	ctagttgaat	gaatttgagg	cggtttttca	gtagacaaag	120
caactctaac	cggatttttc	gccttccact	ttattctccc	atttatcatc	gcagcacttg	180
ccatagtcca	cttacttttc	ctccacgaaa	caggatccaa	caacccaaca	ggaattccat	240
cagacgcaga	caaaatccca	tttcaccctt	actacactat	caaagatatc	ttaggtgccc	300
tactcttaac	tcttttcccta	atactactag	tactcttttc	accagacctg	cttgagacc	360
cagacaacta	caccccagct	aatccactca	acacaccccc	tcatattaag	cctgaatggt	420
atttcttatt	tgcatacgca	attctacgat	caatcccaaa	taaactaggg	gg	472

<210> 251

<211> 472

<212> DNA

<213> *Hydropotes inermis*

<400> 251

ttccatgagg	acaaatatca	ttctgaggag	caacgggtcat	tactaatctc	ctgtcagcaa	60
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ctaccctgac	ccgattcttc	gccttccact	tcattcttcc	atztatcatt	gcagctcttg	180
ccatagtgcg	cttacttttt	ctccacgaaa	caggatccaa	taacccaaca	ggaattccat	240
cagatgcaga	taaaattcca	tttcatccct	actacaccat	taaagatatt	ctaggtgtac	300
tccttcta	ttttttccta	atgttattag	tcctattttc	acctgacctg	cttggagacc	360
cagacaatta	tactccagca	aaccactca	atacaccccc	tcacattaaa	ccagaatgat	420
atttcttatt	tgcatacgca	attctacgat	ctatccctaa	caaattagga	gg	472

<210> 252

<211> 472

<212> DNA

<213> *Muntiacus muntjak*

<400> 252

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caaccctcac	ccgattcttt	gccttccact	ttatctctcc	atztatatt	gcagcacttg	180
ctatagtcca	cctacttttc	ctccacgaaa	caggatccaa	caatccaaca	ggaattccat	240
cagatgtaga	caaaattcct	ttccatccct	actataccat	taaagatatt	ttaggtgccc	300
tacttcta	tctcttccta	atattattag	tattattcgt	accagacctg	ctcggagacc	360
ccgacaatta	tacccagca	aaccactca	atacaccccc	tcacatcaag	cctgaatgat	420
atttcttatt	tgcatacgct	attctacgat	caattcctaa	caaactagga	gg	472

<210> 253

<211> 472

<212> DNA

<213> *Cervus elaphus kansuensis*

<400> 253

taccatgagg	acaaatatca	ttctgaggag	caacagtc	taccaacctt	ctctcagcaa	60
ttccatacat	tggcacaaac	ctagtogaat	ggatctgagg	aggcttttca	gtagataaaag	120
caacccta	ccgatttttc	gctttccact	ttattctccc	atztatcatt	gcagcactcg	180
ctatagtaca	cttactcttc	cttcacgaaa	caggatccaa	taacccaaca	ggaattccat	240
cagacgcaga	caaaatcccc	ttccatccct	actataccat	taaagatatt	ttaggcattct	300
tacttctagt	actcttccta	atattactag	tattattcgc	accagacctg	cttggagacc	360
cagacaacta	tacccagca	aatccactca	atacaccccc	tcacattaaa	cctgaatgat	420
atttcttatt	tgcatacgca	atctacgat	cgattcccaa	caaactagga	gg	472

<210> 254

<211> 472

<212> DNA

<213> Cervus elaphus xanthopygus

<400> 254

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caaccctaac	ccgatttttc	gctttccact	ttattctccc	atttatcatc	gcagcactcg	180
ctatagtaca	cttactcttc	cttcacgaga	caggatccaa	taacccaaca	ggaattccat	240
cagacgcaga	caaaatcccc	ttccatcctt	actataccat	taaagatatc	ttaggcatct	300
tacttctagt	actcttccta	atattactag	tattattcgc	accagacctg	cttggagacc	360
cagacaacta	taccccagca	aatccactca	acacaccccc	tcacattaaa	cctgaatgat	420
atttcctatt	tgcatacgca	atcctacgat	cgattcccaa	caaactagga	gg	472

<210> 255

<211> 472

<212> DNA

<213> Cervus elaphus canadensis

<400> 255

taccatgagg	acaaatatca	ttctgaggag	caacagtcac	taccaacctt	ctctcagcaa	60
ttccatacat	tggcacaaac	ctagtogaat	gggtctgagg	aggcttttca	gtagataaag	120
caaccctaac	ccgattcttc	gctttccact	ttattctccc	atttatcatc	gcagcactcg	180
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cagacgcaga	caaaatcccc	ttccaccctt	actatacgat	taaagatatc	ttaggtatct	300
tacttcta	actcttccta	atattactag	tattattcgc	accagatctg	cttggagacc	360
cagacaacta	taccccagca	aatccactca	acacaccccc	tcacattaaa	cctgaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caattcccaa	caaactagga	gg	472